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SDC PDS RCVD 12-11-17 SP13-001

GEOCON PROJECT NO. 09524-06-04

JULY 2, 2013

COVER PAGE

VALIANO PROJECT ENVIRONMENTAL IMPACT REPORT APPENDIX I PHASE 1 ENVIRONMENTAL SITE ASSESSMENT (ESA) REPORT

Since circulation of the Draft Valiano Project Environmental Impact Report (EIR) and associated technical reports, there have been several changes in the project description.

The site plan has been revised to eliminate the northern single-loaded street in Neighborhood 3 which included four single-family dwelling units. The overall residential lot count remains at 326 due to slight re-configuration within Neighborhoods 1, 3 and 4 to accommodate the four lots. Elimination of this street resulted in reduced grading quantity. In addition, firewalls and other enhanced fire safety measures have been incorporated into the Project design to eliminate the requirement for off-site revegetation clearing.

None of these changes would result in new impacts or increased impacts to Phase 1 Environmental Site Assessment. Therefore, the technical report has not been revised since circulation of the Draft EIR.



GEOTECHNICAL . ENVIRONMENTAL . MATERIAL



Project No. 09524-06-04 July 2, 2013

Ms. Melissa Krause Integral Communities 2235 Encinitas Boulevard, Suite 216 Encinitas, California 92024

Subject: PHASE I AND LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

VALIANO

ESCONDIDO, CALIFORNIA

Dear Ms. Krause:

As you requested on behalf of Integral Communities, we have performed a Phase I and Limited Phase II Environmental Site Assessment (ESA) for a 160.19-acre property referenced as Valiano (the Site) in Escondido, California. The Site is located northwest of the intersection of Mount Whitney Road and Calico Lane and is further identified by the following San Diego County Assessor's parcel numbers and site addresses:

Site Parcel No.	Parcel Acreage	Address	Site Location
232-013-01	32.64 Acres	Country Club Drive	Northwestern
232-013-02	73.84 Acres	3240 Mount Whitney Road	Central and Southwestern
232-013-03	13.07 Acres	Mount Whitney Road	South-central
232-020-55	10.64 Acres	Mount Whitney Road	Southeastern
232-492-01	30 Acres	Country Club Drive	Eastern-central

You requested a Phase I and Limited Phase II ESA to provide information regarding the potential for hazardous substances or petroleum product impacts at the Site as part of your due diligence process prior to developing the Site. The Site is currently developed with avocado and citrus groves, an abandoned packaging building, and three residential structures. We understand that the Client plans to redevelop the Site with a residential subdivision. The accompanying report presents the details of our Phase I and Limited Phase II ESA.

We appreciate the opportunity to have performed this Phase I ESA for Integral Communities. Please contact us if you have any questions concerning this report or if we may be of further service.

Very truly yours,

GEOCON INCORPORATED

Elizabeth A. Miller Senior Staff Geologist Benjamin G. Eastman Senior Geologist

(2) Addressee

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PHASE I AND LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

1. INTRODUCTION

This report presents the results of a Phase I and Limited Phase II Environmental Site Assessment (ESA) for the 160.19-acre property referenced as Valiano (the Site) located northwest of the intersection of Mount Whitney Road and Calico Lane in Escondido, California. The Phase I and Limited Phase II ESA was requested by Integral Communities (the Client) to provide information regarding the potential for existing hazardous substances or petroleum product impacts at the Site as part of their due diligence process prior to developing the Site. The Site is currently developed with avocado and citrus groves, an abandoned packaging building, and three residential structures. We understand that the Client plans to redevelop the Site with a residential subdivision.

1.1 Purpose and Objectives

The purpose of the Phase I ESA was to identify "recognized environmental conditions" (RECs) and "historical RECs" as defined by the American Society for Testing and Materials (ASTM) Designation E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Section 1.1.1 of the ASTM Standard E 1527-05 defines a REC as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property." The term as further defined by ASTM "is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." Section 3.2.39 defines "Historical REC" as an "environmental condition, which in the past would have been considered a REC, but which may or may not be considered a REC currently."

The Phase I ESA was also conducted in accordance with the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Sections 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an all appropriate inquiries investigation into the previous ownership and uses of a property is to meet the provisions necessary for the landowner, contiguous property owner, and/or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA.

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The main components of this report and their objectives, as specified by the referenced standards, include the following:

- **Physical Setting:** The objective of reviewing physical setting references was to obtain information concerning the topographic, geologic, and hydrogeologic characteristics of the Site and vicinity. Such information may be indicative of the direction and/or extent that a contaminant could migrate in the event of a spill or release.
- **Records Review:** The objective of the records review was to obtain information that could potentially help identify RECs at or potentially affecting the Site. We reviewed publicly available federal, state, and local regulatory agency records for the Site.
- **Site History:** The objective of consulting historical references was to assess previous uses of the Site and surrounding area to identify those that could have led to RECs on or near the Site. Historical sources reviewed included aerial photographs, topographic maps, and city directories. In addition, we conducted interviews with persons who were expected to be reasonably knowledgeable about historical uses of the Site.
- **Site Reconnaissance:** The objective of the site reconnaissance was to observe site conditions and activities for indications of evidence of RECs. Offsite properties and features were also viewed, but solely from the vantage of the Site and public thoroughfares.

1.2 Scope of Services

The scope of services was performed in general accordance with ASTM Designation E 1527-05 and our Proposal No. EP-2013-040 dated June 19, 2013, as requested by the Client.

1.3 Report Limitations

This report has been prepared exclusively for the Client, Integral Communities. The information obtained is only relevant for the dates of the records reviewed or as of the date of the latest site visit. Therefore, the information contained herein is only valid as of the date of the report and will require an update to reflect recent records/site visits.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions presented in this report are predicated on the site reconnaissance, a review of the specified regulatory records, and a review of the historical usage of the Site, as presented in this report. The Client should also understand that wetlands, asbestos-containing building materials, lead-containing paint, lead in drinking water, radon, mercury related to mining activities, methane, and mold surveys were not included in the scope of services for this Phase I and Limited Phase II ESA. Assessment for potential naturally occurring hazards such as asbestos and arsenic also was not included.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the ESA is implied within the intent of this report or any subsequent reports, correspondence or consultation, either express or implied. We strived to conduct the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

1.4 Data Gaps

A data gap is defined by ASTM Standard E 1527-05 as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." Data gaps could include such things as insufficient historical information, the inability to interview persons with direct site knowledge (e.g., the owner(s), past owner(s), tenants, workers, etc.) or the lack of access to all parts of a site during the site reconnaissance. No significant data gaps were identified during the preparation of the Phase I ESA.

2. SITE DESCRIPTION

This section provides information regarding the location and physical characteristics of the Site including its size, topography, geologic, soil, and hydrogeologic conditions.

2.1 Location and Legal Description

The Site consists of 160.19-acres defined by five contiguous parcels located northwest of the intersection of Mount Whitney Road and Calico Lane in Escondido, California (Figure 1). The Site is further identified by the following San Diego County Assessor's parcel numbers (APNs) and addresses (Appendix A):

Site Parcel No.	Parcel	Address	Site Location
Site I ai cei i to.	Acreage		
232-013-01	32.64 Acres	Country Club Drive	Northwestern
232-013-02	73.84 Acres	3240 Mount Whitney Road	Central and Southwestern
232-013-03	13.07 Acres	Mount Whitney Road	South-central
232-020-55	10.64 Acres	Mount Whitney Road	Southeastern
232-492-01	30 Acres	Country Club Drive	Eastern-central

The Site is depicted in the western portion of Section 19 of Township 12 South, Range 2 West, San Bernardino Base and Meridian on the United States Geological Survey's (USGS) *Rancho Santa Fe, 7.5-minute Topographic Map.*

2.2 Site and Vicinity General Characteristics

The irregular-shaped Site is located in an area of low-density residential and agricultural properties. Agricultural properties exist to the north, south, and southwest of the Site. Single-family residential homes are adjacent to the Site on the northeastern, eastern, southern, and western boundaries. Country Club Drive and Hill Valley Drive are adjacent to the northeastern boundary, Romance Road and Calico Lane are adjacent to the southeastern boundary, and Mount Whitney Road is adjacent to the southeastern boundary of the Site.

2.2.1 Topography

The topography of the Site consists of hills with incised drainages (canyons) that drain to the northeast and southeast into a floodplain. Based on review of the United States Geological Survey's (USGS 1996) Rancho Santa Fe, 7.5-minute topographic maps, the Site ranges from approximately 780 feet above mean sea level (MSL) on the southeastern side of the Site to 1,000 feet above MSL on the northwestern side of the Site.

2.2.2 Geologic Conditions

The Site is located in the Peninsular Ranges geomorphic province of Southern California (Norris and Webb, 1990). This geomorphic province encompasses an area that extends 900 miles south to the tip of Baja California. In general, the province consists of rugged mountains underlain by Mesozoic igneous and metamorphic rocks to the east, and a dissected coastal plain underlain by Cenozoic sediments to the west. The province varies in width from approximately 30 to 100 miles, and is traversed by a group of faults and fault zones trending roughly northwest.

Information concerning the surface geologic conditions at and in proximity to the Site was obtained from a review of the *Geologic Map of the Oceanside 30'x60'Quadrangle, California* (United States Geological Survey, 2005). The geologic map indicates that the Site is underlain by Holocene and late Pleistocene young alluvial deposits and mid-Cretaceous Tonalite containing a fault that bisects the Site from the northeastern corner to the approximate central western boundary.

According to our *Geotechnical Investigation, Eden Hills, San Diego County, California*, dated September 12, 2012, the Site is underlain by four surficial soil types and two geologic formations. The surficial deposits consist of undocumented fill, topsoil, colluvium, alluvium, and Terrace Deposits. The formational units include Eocene-age Santiago Formation, and Cretaceous-age granitic Tonalite. Topsoil consists of loose, porous, dark brown, silty to clayey, fine to medium sand.

Colluvium consists of a surficial accumulation of soft, moderately expansive sandy clays and loose clayey sand with cobbles and occasional boulders that occur on and near the toe of most slopes. Alluvial soil generally varies in depth depending upon the size of the canyon, ranging from a few feet to more than 20 feet onsite. It consists of sandy clay, silty sand, and clayey sand with occasional boulders. A relatively thin layer of Terrace Deposits, consisting of medium dense to dense, damp to moist, light brown, silty sand, are on the east central site parcel underlying colluvium. The Eoceneage Santiago Formation consists of dense to very dense, massive, light brown and gray, silty, fine to coarse sandstone and hard, olive-gray and brown claystone. The Tonalite associated with the Peninsular Range Batholith underlies the surficial materials and is the predominant material through the Site. Generally, it is characterized as course-grained, dark gray to grayish brown, and moderately strong to very strong. It's found to be moderately to highly fractured and at various stages of weathering. The most up-to-date Geologic Maps are included in the *Response to the County of San Diego, Addendum to Geotechnical Investigation Report, Valiano (Eden Hills), San Diego County, California*, dated June 13, 2013 (Appendix B).

We obtained information concerning the soil conditions in proximity to the Site from review of the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm). The soil survey indicates that the site soil is identified by five types of soil, which include Cieneba very rocky coarse sandy loam to Cieneba coarse sandy loam, Vista coarse sandy loam, Fallbrook-Vista sandy loam, and Visalia sandy loam. The Cieneba sandy loams are characterized by coarse sandy loam from 0 to approximately 12 inches, and by weathered bedrock from approximately 12 to 14 inches. The Fallbrook-Vista sandy loam is characterized by sandy loam from 0 to approximately 8 inches, loam to sandy loam from approximately 8 to 12 inches, sandy clay loam to clay loam from 12 to 28 inches, loam to sandy loam from 28 to approximately 47 inches, and weathered bedrock from approximately 47 to 51 inches. The Visalia sandy loam is characterized by sandy loam from 0 to 12 inches, sandy loam to fine sandy loam from 12 to 40 inches and very fine sandy loam from 40 to 60 inches. The Vista coarse sandy loam is characterized by coarse sandy loam from 0 to 19 inches, coarse sandy loam to sandy loam from 19 to 35 inches, and weathered bedrock from 35 to 39 inches.

2.2.3 Hydrologic and Hydrogeologic Conditions

Information pertaining to groundwater quality and occurrence in the vicinity of the Site available from the California Department of Water Resources (DWR) and the California State Water Resources Control Board (SWRCB) was reviewed. The Site is located within the Escondido Hydrologic Subarea (904.62) of the Escondido Creek Hydrologic Area (904.60) of the Carlsbad Hydrologic Unit (904.00) (SWRCB, 1994). Depths to groundwater in the Carlsbad Hydrologic Unit are generally 50 feet or less. In the Escondido area the total dissolved solid (TDS) content, like the chemical character, is variable and ranges from about 250 to more than 5,000 milligrams per liter

(mg/L) (CDWR, 1967). Groundwater occurring within the Escondido Hydrologic Subarea is listed as having beneficial applications for municipal, agricultural, and industrial purposes. According to the DWR database, one groundwater well referenced as "X4340005" is located approximately two-thirds of a mile east of the Site. The groundwater quality was last documented in May 2002 with a TDS content reported at 1,200 mg/L; depth to water is not reported in this well.

We also checked the California State Water Resources Control Board (CSWRCB) GeoTracker website (http://geotracker.swrcb.ca.gov/) for depth to groundwater at any listed facilities within the site vicinity where groundwater monitoring is ongoing. There are no facilities within approximately one mile of the Site listed on the Geotracker database.

As described in our 2012 Geotechnical Investigation, perched groundwater and/or seepage was encountered in exploratory trenches and borings within the surficial alluvial deposits, suggesting that the surface runoff of rainwater and irrigation is "perched" along the less impervious rock material and is migrating along the contact. Based on general knowledge of the local hydrogeology in the area, depth to groundwater beneath the Site is likely less than 50 feet and is presumed to flow generally in an easterly direction, but may also have a component of flow in a southeasterly direction toward Escondido Creek. Groundwater elevations and flow direction beneath the Site may vary as a result of seasonal precipitation, pumping withdrawals, irrigation, and land use, among other factors.

2.3 Current and Planned Uses of the Site

We understand that the Client plans to develop the Site into a residential subdivision.

2.4 Descriptions of Structures, Roads, Other Improvements on the Site

The Site is currently developed with three residential structures and an abandoned packing house in the central portion, avocado and citrus groves on the western portion and unimproved roads throughout. Further description of the Site is presented in Section 6.0.

2.5 Current Uses of Adjoining Properties

Single-family residences exist north of Eden Valley Lane and Hill Valley Drive, east of Romance Road, south of Mount Whitney Road, and west of the western site boundary. Properties to the northwest, southwest, and south are used for agricultural purposes.

3. USER-PROVIDED INFORMATION

This section provides responses to inquiries made to the Client for site information. The Client was asked if they know of previous environmental reports or documents that may exist and, if so, whether copies could be provided. They were also asked if they have knowledge of legal or administrative proceedings involving the Site. The Client completed a Client Questionnaire regarding these items; a copy is in Appendix C.

3.1 Title, Appraisal and Sale Agreement Records

The Client did not provide a current title report, appraisal, or sales agreement for our review.

3.2 Environmental Liens or Activity and Use Limitations

The Client stated that they are unaware of any environmental liens on, or use limitations for, the Site.

3.3 Specialized Knowledge

The Client indicated that they have no specialized knowledge regarding the Site or nearby properties.

3.4 Commonly Known or Reasonably Ascertainable Information

The Client indicated that they are aware of the avocado and citrus groves on the Site.

3.5 Owner, Property Manager, and Occupant Information

Site parcels 232-013-02, -03, and 232-013-55 are currently owned by the Eden Hills Property Owner, LLC, site parcel 232-013-01 is currently owned by Henry Avocado, and site parcel 232-492-01 is currently owned by Kamron Hakimian. Ms. Melissa Krause, the Client and owner representative for Eden Hills Property Owner, LLC, completed both the Client Questionnaire and the Site Owner Questionnaire that are in Appendix C, and summarized in Section 7.0.

3.6 Valuation Reduction for Environmental Issues

The Client indicated that they were not aware of any environmental conditions on the Site which could lead to a potential valuation reduction of the Site.

3.7 Reason for Performing Phase I ESA

This Phase I ESA was requested by the Client to obtain information regarding the potential for existing hazardous substances or petroleum product impacts at the Site as part of their due diligence process in accordance with the County of San Diego's request prior to developing the Site.

4. RECORDS REVIEW

This section summarizes our review of readily available agency records for the Site and properties and facilities in the surrounding vicinity.

4.1 Standard Environmental Record Sources

Environmental Data Resources, Inc. (EDR) performed a search of federal, state, and local databases for the Site and surrounding area. The search distance for the review extended one mile from the Site. A copy of the report entitled *The EDR Radius Map Report with GeoCheck*, dated June 13, 2013, is in Appendix D.

4.1.1 Site

The Site is not referenced on any database searched by EDR.

4.1.2 Offsite Properties

No properties within 1/8 mile from the Site (or 1/4 mile for leaking underground storage tanks facilities) were listed on any of the databases searched by EDR.

4.1.3 Orphan Summary

The Orphan Summary identifies properties that have incomplete address information and therefore could not be accurately plotted. The Orphan Summary lists four properties, all of which appear to be

located a minimum of one mile from the Site. Based on information provided for the listed properties, their locations, and the databases on which the properties were listed, no significant adverse impact to the Site is expected from these properties.

4.2 Additional Environmental Record Sources

We performed a search of additional readily available environmental record sources. The search distance for the review extended approximately one mile from the Site, unless otherwise noted. A summary of our findings is presented below.

4.2.1 GeoTracker and EnviroStor Websites

Additional environmental record sources including the SWRCB Geotracker database (http://geotracker.swrcb.ca.gov/) and the California Department of Toxic Substances Control's (DTSC) Envirostor database (http://www.envirostor.dtsc.ca.gov/public/) were reviewed for information regarding nearby properties/facilities of concern. Neither database had listings for any properties/facilities within approximately ½ mile of the Site.

4.2.2 State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR)

The State of California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) website (http://www.conservation.ca.gov/dog/Pages/Index.aspx) was reviewed for information on any oil or gas wells on or near the Site. According to DOGGR map W1-7 no wells are located within a 1-mile radius of the Site (California Department of Conservation, 2013).

4.2.3 County of San Diego Department of Agriculture, Weights and Measures

We submitted a request to the County of San Diego, Department of Agriculture, Weights and Measures-Pesticide Use Enforcement Division regarding restricted pesticide use at the Site. According to Ms. Tina Thomas with the DAWM, the following herbicide, insecticide, miticide, and rodenticide products were applied to site parcel 2320-013-01 under Permit No. 37P1007 and to site parcel 232-013-02 under permit No. 37P8845:

Product	Site Parcel Number
AGRI-MEK 0.15 EC miticide/insecticide	232-013-02
EPI-MEK 0.15 EC miticide/insecticide	232-013-01
Omni Oil 6-E (a paraffin base mineral oil)	232-013-01 and 232-013-02

Product	Site Parcel Number
Roundup Weathermax Herbicide	232-013-01
PCQ Pelleted Rodent Bait	232-013-01
Wilco Gopher Getter AG Bait	232-013-01
Nu-Lure Insect Bait	232-013-01
Simazine 90 DF	232-013-01
Gowan Malathion 8	232-013-01
GF-120 NF Natruralyte Fruite Fly Bait	232-013-01
Product PEI-MEK 0.15 EC miticide /insecticide	232-013-01

Ms. Thomas indicated that no pesticide use was found from 2008 to 2011 for the remainder of the site parcels.

4.2.4 San Diego Air Pollution Control District

We submitted a request to the San Diego Air Pollution Control District (APCD) for records pertaining to the Site. According to Ms. Cynthia Gould with the APCD, no records were on file for the APNs or address associated with the Site.

4.2.5 County of San Diego Department of Environmental Health

We submitted a request to the Department of Environmental Health (DEH) for records pertaining to the Site. According to Ms. Joyce Ellman with the DEH, no records are on file for the APNs associated with the Site.

4.3 Previous Documents/Reports

We previously performed a Phase I ESA and limited soil investigation for pesticides on 162.75 acres of land which included four site parcels (APNs 232-013-01, -02, -03, and 232-020-55), and two parcels north of the Site (APNs 228-313-13 and-14). The report did not include site parcel 232-492-01. We presented our findings in the report entitled *Phase I Environmental Site Assessment Report, Limited Soil Sampling, and Organochlorine Pesticide Analysis, Eden Hills, Northwest of Mount Whitney Road and Calico Lane, San Diego County, California*, dated April 11, 2005.

The previous report identified that the 162.75-acres of property were developed with a residence since as early as 1928, avocado groves on the southeastern portion of the property from 1928 to approximately 1950, and avocado groves on the southwestern, central, and northern portions of the property since at least the 1960s. We observed a diesel AST on the southern portion of the 162.75-acre property. No additional land use and no regulatory agency database listings were documented

for the 162.75-acre property. We observed a water supply well on the central site parcel. We concluded that based on the date of construction of the onsite structures, it is possible that LCP and/or ACM could be present in the structures.

We also conducted a limited soil investigation for organochlorine pesticides (OCPs) on the 162.75-acre property. For the investigation we collected soil samples at approximate depths of 0.5, 1.0, and 2.0 feet from 12 hand auger borings on the property. Ten of the twelve borings were located on the current Site and the remaining two borings are on the northern adjacent parcel. Figure 3, our Boring Location Map, depicts the approximate location of the twelve borings. The laboratory combined the twelve 0.5-foot soil samples into six 2-point composite samples. The six composite samples were analyzed for OCPs using Environmental Protection Agency (EPA) Test Method 8081A. The remaining samples collected from 1- and 2-foot depths were held pending analytical results from the 0.5-foot samples. No OCPs were detected in the six 0.5-foot composite samples. Therefore, the 1 and 2 foot samples were not analyzed. Based on these results, we did not recommend additional assessment of pesticides in soil for the 162.75-acre property. This assessment included the Site and the northern adjacent property but does not include the northeastern portion of the current Site.

The results of the regulatory agency database research indicated that no significant adverse impacts from offsite properties were anticipated at the 162.75-acre property. Additionally, based on observations of offsite properties during the reconnaissance of the property, we did not observe physical evidence that would suggest that offsite properties had impacted the property with hazardous wastes or materials. We recommended that the water well be abandoned in accordance with current local and state regulations, and that structures on the property be surveyed for LCP and ACM prior to their demolition and removal. Based on the findings of the Phase I ESA and limited soil investigation, the potential for environmental impairment of the Site from the offsite portions of the 162.75-acre property from hazardous substances or petroleum is considered to be low.

We prepared another report for the Site, excluding site parcel 232-013-01, Phase I Environmental Site Assessment, Eden Hills, 128 Acre Property Northwest of the Intersection of Mount Whitney Road and Calico Lane, Escondido, California, dated November 21, 2011. We identified the diesel AST, an open box of fertilizer within the avocado grove, irrigation groundwater wells, ACM and/or LCPs likely to be present in building materials within the existing structures, and potential residual pesticides associated with agricultural use of the property as potential environmental issues for the Site. No additional environmental impacts to the Site were observed at that time.

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5. HISTORICAL USE

This section summarizes information obtained from a variety of sources regarding the historical uses of the Site and identifies historical uses that could have led to RECs. The sources of information included historical aerial photographs and historical topographic maps provided by EDR.

5.1 Sanborn, Inc. Fire Insurance Maps

According to EDR's Sanborn Map Report dated October 25, 2011, Sanborn maps do not exist for the Site or site vicinity.

5.2 Aerial Photographs

Historical aerial photographs provided by EDR for the years 1947, 1953, 1963, 1974, 1990, 1994/1995, and 2005 (Appendix E) were reviewed for indications of past land uses that had the potential to have impacted the Site through the use, storage or disposal of hazardous substances and/or petroleum. The following table summarizes the observations of the Site and adjacent properties on the aerial photographs.

Vacan	Observations		
Year	Site	Adjacent Properties	
1947 (1" = 655')	The two western site parcels appear to have been undeveloped and covered with moderate vegetation. The central-western site parcel was developed with several small structures connected by an unimproved private drive. The eastern central site parcel was developed with agricultural land that appeared to be citrus groves.	Adjacent properties to the north, east, southeast, southwest and central of the Site appear to have been used for agricultural purposes. Adjacent properties to the northwest, west and south was undeveloped. Mount Whitney Road was adjacent to the southeast boundary of the Site.	
1953 (1" = 555')	The Site appears to have undergone a reduction in vegetation. Otherwise the Site appears similar to that observed in the 1947 photograph.	Adjacent and vicinity properties appear to have undergone a reduction in vegetation. Otherwise the site vicinity appears similar to that observed in the 1947 photograph.	
1963 (1" = 555')	A number of pathways radiated from the central portion of the Site to the southwest, west, northwest, north, and east. Otherwise, the Site appears similar to that observed in the 1953 aerial photograph.	Adjacent properties east of the southern portion and vicinity properties to the east were developed as residential.	

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Year		bservations
у еаг	Site	Adjacent Properties
1974 (1" = 600')	The two western site parcels developed as a grove with various unimproved access roads. An additional structure had been constructed in the southern portion of site parcel 232-013-02. The remainder of the Site appears similar to that observed in the 1963 aerial photograph.	Adjacent properties appear similar to that observed in the 1963 photograph. Development of vicinity properties continued to the east of the Site.
1990 (1" = 666')	A medium-sized structure and additional unimproved roads had been constructed in the central western site parcel. A structure in the south-central site parcel appears to have been demolished or concealed by trees. The eastern central site parcel no longer appears to have been used for agricultural purposes. Mt. Whitney Road had been slightly realigned adjacent to the southern boundary.	Adjacent properties to the north, south, and east of the northern, southern, and central portions of the Site had developed as residential. Vicinity properties to the north and east had been heavily developed as residential. Vicinity properties to the south had been developed as commercial agricultural.
1994/1995 (1" = 500')	The Site had a large reduction in vegetation of the grove on the western portion.	The site vicinity appears similar to that observed in the 1989 aerial photograph.
2005 (1" = 500')	The Site appears similar to that observed in the 1994 aerial photograph.	The site vicinity appears similar to that observed in the 1994/1995 aerial photograph.

The aerial photographs indicate that the eastern central site parcel (APN 232-492-01) was used for agricultural purposes from as early as 1947 to around 1974. The two western site parcels (APN 232-013-01 and -02) appear to have been used for agricultural purposes from as early as 1974 to the present. As such, it is possible that pesticides were applied to these portions of the Site as part of growing operations and that onsite soils have been impacted by previous agricultural use.

5.3 Topographic Maps

Historical topographic maps provided by EDR for the years 1901, 1904, 1947, 1949, 1968, 1983 and 1996 (Appendix F) were reviewed. The following table summarizes the observations of the Site and adjacent properties on the historical topographic maps.

Year	Observations		
1 ear	Site	Adjacent Properties	
1901 (1:125,000) (1:62,500)	The Site is depicted as vacant land.	Adjacent properties are depicted as undeveloped. A railroad labeled "Southern California R.R. Escondido Branch" is depicted north of the Site and extends from the southeast to northwest. Mount Whitney is depicted southwest of the Site and a network of unnamed roads is depicted to the east.	

X 7	Observations		
Year	Site	Adjacent Properties	
1904 (1:250,000)	It is not possible to determine if the Site is occupied based on the scale of the topographic map.	It is not possible to determine if adjacent properties are occupied based on the scale of the topographic map.	
1947 (1:50,000)	The Site is depicted as vacant land.	A few structures are depicted to the east and south of the Site. Mount Whitney Road and an unnamed road east of the Site are depicted as unimproved roads. Country Club Drive is depicted east of the Site and highway 395 is depicted to the north.	
1949 (1:24,000)	The Site is depicted as having a single structure and access road.	Similar to that depicted on the 1947 topographic map. Harmony Grove and San Elijo Canyon are depicted to the south. Mount Whitney Road is depicted as an improved road. Country Club Drive is depicted to the east as a secondary highway.	
1968 (1:24,000)	The Site is depicted similarly to the 1949 topographic map.	Vicinity properties to the east of the Site are depicted as developed with small structures and unimproved roads. Vicinity properties to the south are depicted as developed with large and small structures.	
1983 (1:24,000)	The Site is depicted similarly to the 1968 topographic map.	Additional large structures are depicted on vicinity properties to the south of the Site. Increased development is depicted adjacent to the east and in the vicinity to the east and northwest of the Site.	
1996 (1:24,000)	The Site is depicted as developed with four small structures and improved roads.	Continued development is depicted adjacent to the east and in the vicinity to the northwest, northeast east, and south.	

It appears that the Site was undeveloped and properties adjacent to the Site were also undeveloped until sometime prior to 1949. No direct evidence of development that would suggest RECs are depicted on the Site.

5.4 City Directory

EDR prepared an abstract of cross-reference directories reviewed at approximately 5 year intervals from 1903 through 2006 (Appendix G); however no records for the site vicinity were available prior to 1980. The Site does not have an associated address. The following table summarizes the directory research information provided by EDR for the nearby properties.

HISTORICAL DIRECTORY RESEARCH SUMMARY

Addresses	Directory Listing or Use	Years	
The Site			
3240 Mount Whitney Road	Residential	1980, 1985, and 2006	
Nearby Properties			

Addresses	Directory Listing or Use	Years
3211 Mount Whitney Road	Residential	1980, 1985, 1995, and 2006
3215 Mount Whitney Road	Residential	1991, 1995, and 2006
3221 Mount Whitney Road	Residential	2006
3223 Mount Whitney Road	Residential	1980, 1985, and 2006

The above-referenced nearby properties are single-family. Based on the residential uses of the listed properties, the likelihood appears low that activities at the properties have negatively impacted the Site.

6. SITE RECONNAISSANCE

This section summarizes observations of the Site and surrounding properties made during the site reconnaissance.

6.1 Methodology and Limiting Conditions

Geocon representative Mr. Sean Keffer performed the site reconnaissance on June 19, 2013, by driving and walking various portions of the Site. We were unaccompanied during our site reconnaissance, but had access to all areas of the Site with the exception of interior portions of the residential structures. The offsite survey was performed by observing adjacent properties from the Site and adjacent public streets. Weather on the day of the site reconnaissance was sunny with temperatures in the mid to high 70s.

Photographs of various site features and offsite properties are appended. Figure 2 is a site plan illustrating selected site features and the locations and orientations of photographs taken during the site reconnaissance.

6.2 General Site Setting

The Site is located on moderately relieved terrain consisting of undeveloped land and agricultural land with three residential structures for property caretakers. Surrounding properties include low-density residential properties, agricultural, and undeveloped land.

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6.3 Onsite Survey

The Site is primarily developed as agricultural land for growing avocados and citrus fruits on the western half. The eastern half of the Site is largely undeveloped and covered with vegetation ranging from grasses, shrubs, and trees. Three residential structures for property caretakers exist adjacent to and among the groves. We also observed pump houses associated with agricultural irrigation and an abandoned packing building on the Site.

6.3.1 Northwestern Site Parcel (APN 232-013-01)

The rectangular shaped northwestern site parcel consists of commercial avocado groves (Photograph No. 1). A residential structure and irrigation pump house are located near the center of this site parcel (Photograph Nos. 2 and 3). Overhead power lines were observed extending from the northeast corner of this site parcel to the pump house. Pole-mounted electrical transformers were observed on this site parcel (Photograph No. 4). No evidence of staining was observed near the pole-mounted electrical transformers. We observed what appeared to be a water filtration system on the northeastern portion of this site parcel consisting of two polyethylene ASTs and three steel chambers adjacent to a municipal water service (Photograph Nos. 5 and 6). Approximately 50-gallons of dark aqueous solution were observed in the 600-gallon polyethylene AST while the 1,000-gallon polyethylene AST appeared to be used for water. No odors, pools of liquid, significantly stained soil, or distressed vegetation was observed near the ASTs.

6.3.2 Eastern-Central Site Parcel (APN 232-492-01)

The rectangular shaped eastern-central site parcel is currently vacant land (Photograph No. 7). We observed a Rincon Del Diablo Municipal Water District service pipeline transecting the eastern portion of the site parcel in a north/south direction (Photograph No. 8). A seasonal creek extends across the site parcel from west to east and exits through a drainage culvert on the eastern boundary (Photograph No.9). We also observed an approximately 3-inch diameter plastic drainage pipe protruding approximately 2 feet from the ground surface in this site parcel (Photograph No. 10). An excavated concrete slab measuring approximately 12-feet long, 5-feet wide, and 3-feet thick was also observed in this site parcel (Photograph No. 11).

6.3.3 Central and Southwestern Site Parcel (APN 232-013-02)

This irregular shaped site parcel is primarily developed as agricultural land with avocado groves (Photograph No. 12). Citrus groves are located on the northwestern portion of this site parcel. An eastern extension of this site parcel is mainly covered with grasses, brush, and clusters of trees

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(Photograph No. 13), and is bound to the east by Romance Road and to the north by residential structures and Eden Valley Lane. The northern portion of Mount Whitney Road extends in a north/south direction across the Site connecting with the western terminus of Eden Valley Lane. Two residential structures were observed on the eastern portion of this site parcel (Photograph Nos. 14 - 15). The northwestern of the two residences appeared to be occupied by a property caretaker while the eastern residence appeared to be vacant. We observed the exterior condition of these structures to be in fair condition. Two soil stockpiles were adjacent to an unimproved dirt road which provides access from the public roads to the Site (Photograph No. 16).

We observed an approximate 500-gallon AST labeled "diesel" near the center of the Site (Photograph No. 17). The AST was approximately 45-inches in diameter by approximately 82-inches long and was raised approximately 5-feet from the ground. A dispensing nozzle is attached on the northern side of the AST. No secondary containment was present; however, no odors, pools of liquid, significantly stained soil or distressed vegetation was observed near the AST. We also observed a pump house approximately 50-feet north of the diesel AST (Photograph No. 18), a large woodpile, and three 5,000-gallon polyethylene ASTs located approximately 150 feet northwest of the pump house. The three-5,000-gallon polyethylene ASTs appear to be used for storing water (Photograph No. 19). A water well and adjacent electrical service were observed approximately 250 feet north of the three 5,000-gallon ASTs (Photograph No. 20). A running stream was observed flowing to the east approximately 50-feet north of the water well (Photograph No. 21).

6.3.4 South-Central Site Parcel (APN 232-013-03)

This rectangular shaped site parcel is largely undeveloped land with the exception of an abandoned packaging building in the northeastern corner (Photograph No. 22). Stockpiles of wood and bee hives used to pollenate the adjacent avocado groves are west of a stand of oak trees. This site parcel is bound to the south by the southern portion of Mount Whitney Road. Romance Road and the northern portion of Mount Whitney Road transect the northeast portion of the site parcel.

6.3.5 Southeastern Site Parcel (APN 232-020-55)

This irregular shaped site parcel is also bound to the south by Mount Whitney Road and to the east by two single-family residential structures. This site parcel is transected by unimproved dirt roads extending across the site parcel from southeast to northwest (Photograph No. 23).

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6.4 Offsite Survey

Properties within the site vicinity include undeveloped land, single-family residential developments, and agricultural properties. Observations of properties adjacent to the Site are summarized below:

- **North** properties to the north of the Site are developed with low-density single-family residential and agricultural land (Photograph No. 24).
- **East** east of the Site is a low-density single-family residential neighborhood (Photograph No. 25).
- **South** Mount Whitney Road is located on the southern boundary of the Site. Residential properties and an avocado grove are adjacent south of the Site (Photograph Nos. 26 and 27).
- **West** adjacent properties to the west are residential and undeveloped land (Photograph No. 28).

No additional evidence of RECs was observed on the surrounding properties.

7. INTERVIEWS

Ms. Melissa Krause, a client representative, completed our Site Owner Questionnaire regarding her knowledge of the Site and its past use; her completed questionnaire is included in Appendix C. Ms. Krause indicated that the Site has been used for agricultural purposes. She is unaware of any additional environmental issues associated with the Site.

Interview information from our 2011 Phase I ESA was provided by Mr. Fahr, a previous site owner. Mr. Fahr indicated that the Site has been used for agricultural purposes for over 30 years. Additionally, he notes that a small AST was used for fertilizer storage. Water services are reportedly supplied to the Site by the Rincon Del Diablo Municipal Water District, electricity is supplied by San Diego Gas and Electric and a propane tank is used to heat the residence. Mr. Fahr indicated that the well was installed by Stehly Brothers Drilling, Inc. between September 19, 2008 and September 25, 2008. The well construction sheet along with his completed Site Owner Questionnaire from 2011 is in Appendix C.

Based on the location of the three residences onsite, it is assumed that waste water is treated in septic systems.

8. LIMITED PHASE II ESA

Review of historical aerial photographs indicates that the eastern central site parcel was used for agricultural purposes from as early as 1947 to around 1974. The two western site parcels appear to have been used for agricultural purposes from as early as 1974 to the present. A previous pesticide assessment was conducted in 2005; however, review of the grading plan in Appendix B indicates that proposed residences would be constructed in locations that had not yet been assessed. In accordance with the County of San Diego's request, we conducted a limited pesticide assessment for the proposed residential locations to evaluate the potential impact to Site soil due to historical pesticide use. In addition, we also collected soil samples adjacent to an existing diesel AST observed during our site reconnaissance to assess potential impact to subsurface soil from possible petroleum hydrocarbon releases at the Site, as requested by the County of San Diego.

8.1. Field Investigation

On June 21, 2013, Ms. Elizabeth Miller and Mr. Sean Keffer advanced 13 hand-auger borings (designated B13 through B25) at locations associated with former and/or current agricultural activity within the proposed residential development. Additionally, two hand-auger borings (designated AST 1 and AST 2) were advanced adjacent to a diesel AST on site parcel 232-013-02. Soil samples were collected from each boring at depths of approximately 0.5 and 2.0 feet or refusal. Approximate boring locations are depicted on Figure 3.

The soil samples were transferred from the hand-auger into new laboratory-provided glass jars. Hand-augers were cleaned prior to each sampling by washing with a non-phosphate solution (e.g., AlconoxTM) followed by subsequent de-ionized water rinses.

No soil discoloration, "chemical" odor, or other obvious indication of hazardous substance and/or petroleum product impact was observed or detected in the soil samples.

8.2. Laboratory Analysis and Results

The soil samples were placed in glass jars and labeled with the sample identification number, the sample collection time and date. Each prepared sample jar was placed into a cooler for transport to a California Department of Health Services certified laboratory under chain-of-custody protocols.

The 0.5 foot soil samples collected from B13 through B25 were analyzed for organochlorine pesticides (OCPs) and arsenic using EPA Test Method 8081A and 6010, respectively, by Advanced Technology Laboratories of Signal Hill, California. The 2.0 foot depth soil samples from B13 through B25 were put on hold pending results from the 0.5 foot soil samples. The 0.5 foot soil samples and one 2.0 foot soil sample collected from AST 1 and AST 2 were analyzed for gasoline range organics (GRO), diesel range organics (DRO) and oil range organics (ORO) using EPA Test Method 8015B and volatile organic compounds (VOCs) using EPA Test Method 8260. A copy of the soil sample analytical report, laboratory QC report, and sample COCs are in Appendix H and are summarized below.

8.2.1. Arsenic and OCP Analysis Results

Arsenic and OCPs were not detected at or above the laboratory reporting limit (RL) in the 0.5 foot samples B13 through B25. Soil samples collected from 2.0 feet were not analyzed.

8.2.2. Hydrocarbon and Volatile Organic Compound Analysis Results

Results of hydrocarbon and VOC analyses for AST 1 and AST 2 indicate soils located at the north end of the diesel AST have been impacted with DRO and ORO. GRO and VOCs were not detected at or above laboratory RLs.

- DRO was detected in the 0.5 foot deep soil sample at concentrations of 17 milligrams per kilogram (mg/kg) in AST 1, and 1,500 mg/kg in AST 2. We encountered refusal in AST 1 at 0.5 feet, but were able to collect a soil sample at a depth of 2.0 feet in AST 2. The 2.0 foot soil sample had a detected concentration of DRO at 510 mg/kg.
- Concentrations of ORO were not detected in the 0.5 foot deep soil sample collected from boring AST 1. ORO concentrations in soil samples collected from boring AST 2 were 1,400 mg/kg at 0.5-feet and 430 mg/kg at 2.0-feet.

8.3. Discussion of Findings

The DRO and ORO concentrations reported for soil samples collected as part of this investigation indicate soil from the area near AST 2 may not be suitable for onsite reuse. As such, further assessment to identify lateral and vertical limits of DRO and ORO impacted soil may be required prior to redevelopment in the vicinity of boring AST 2.

8.4. Limited Phase II ESA Conclusions

Based on findings of our investigation, it does not appear that OCPs, GRO or VOCs have impacted soil at the Site. However, we have identified an area impacted by petroleum hydrocarbons (DRO and ORO) at concentrations that warrant further assessment prior to impacted soil reuse.

If impacted additional soils are encountered and excavated during site grading or demolition activities, we recommend the soils be segregated and characterized to evaluate potential reuse or disposal options.

9. SUMMARY OF FINDINGS

We have performed a Phase I and Limited Phase II ESA, in general conformance with the scope and limitations of ASTM E 1527-05, for the 160.19-acre property referenced as Valiano in Escondido, California. The Site is currently occupied by avocado and citrus groves, an abandoned packaging building, and three residential structures. We understand that the Client plans to redevelop the Site as a single-family residential subdivision.

The following table presents a summary of findings and our opinions associated with the Phase I ESA performed at the Site, including known or suspect RECs, historical RECs, and de minimis environmental conditions. Detailed information regarding the recommended actions identified in the table is presented in Section 10.

Assessment Category	Observed (Y/N)	REC (Y/N)	Recommended Actions
Hazardous Substances/Petroleum Products	Y	Y	AA
Hazardous Wastes	N	N	NFA
Non-Hazardous Wastes	N	N	NFA
Aboveground/Underground Storage Tanks	Y	Y	AA
Unidentified Substance Containers	N	N	NFA
Equipment Potentially Containing PCBs	N	N	NFA
Wastewater Systems	Y	N	NFA
Evidence of Releases	N	N	NFA
Pools of Liquid, Pits, Ponds, Lagoons	N	N	NFA
Wells	Y	N	NFA
Other Site Issues	Y	Y	AA
Nearby Properties	N	N	NFA
Historical Land Use – Site	Y	N	NFA
Historical Land Use – Nearby Properties	N	N	NFA

Recommended Action:

DM

AA = Additional action recommended.

NFA = No further action required at this time.

= De minimis condition where additional activities do not appear warranted at this time.

9.1 Hazardous Substances/Petroleum Products and ASTs

During the site reconnaissance, we observed an approximately 500-gallon AST labeled "Diesel" on site parcel 232-013-02. No secondary containment was present and no odors, pools of liquid, significantly stained soil, or distressed vegetation were observed near the AST. Analyses of soil samples collected adjacent to the AST indicate a release of DRO and ORO on the north end of the AST.

9.2 Wastewater Systems and Wells

Based on the location of the three residences onsite, it is assumed that wastewater is treated in septic systems. We observed a water supply well in the western site parcel.

9.3 Other Site Issues

It appears that the structures at the Site were built around 1948. As such, it is possible that LCP and/or ACM are present in the structures.

9.4 Historical Land Use- Site

Our review of historical aerials indicates that site parcel 232-492-01 was used for agricultural purposes from as early as 1947 to around 1974, and site parcels 232-013-01 and 232-013-02 were used for agricultural purposes as early as 1974 to the present. Analyses of soil samples collected during our Limited Phase II ESA indicated that organochlorine pesticides were not present in the soil samples analyzed.

10. CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I and Limited Phase II ESA, in general conformance with the scope and limitations of ASTM E 1527-05, for the 160.19-acre property referenced as Valiano in Escondido, California. The Site is currently and has been occupied by avocado and citrus groves, an abandoned packaging building, and three residential structures since approximately 1974. From as early as 1947 to 1974 site parcel 232-492-01was cultivated agricultural land and from 1974 to present site parcels 232-013-01 and 232-013-02 have been cultivated with avocado and citrus groves. Exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

10.1 Hazardous Substances/Petroleum Products and ASTs

No odors, pools of liquid, significantly stained soil, or distressed vegetation were observed near the 500-gallon AST on site parcel 232-013-02. However, analytical results for soil samples collected adjacent to the AST indicate a historical release. As such, we consider the AST to be a REC and recommend additional assessment to define the lateral and vertical limits of the DRO and ORO impacted area.

10.2 Wastewater Systems and Wells

Based on the location of the three residences onsite, it is assumed that wastewater is treated in septic systems. We observed a water supply well in the western site parcel. We recommend that the well and any septic systems be abandoned in accordance with San Diego County requirements.

10.3 Other Site Issues

Based upon the age of the onsite structures (approximately 60 years), the potential exists for ACM and/or LCP to be present at the Site. We recommend conducting an ACM and LCP survey prior to demolition activities to confirm the absence or presence of these materials and to determine appropriate health and safety requirements for demolition and appropriate disposal of demolition debris.

10.4 Historical Land Use - Site

Analyses of soil samples collected during our Limited Phase II ESA indicated that organochlorine pesticides were not present in the soil samples analyzed. No additional assessment is warranted at this time.

11. REFERENCES

- American Society for Testing and Materials (ASTM) Designation E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005.
- California Department of Water Resources Water Data Library Homepage (http://www.water.ca.gov/waterdatalibrary/).
- California State Water Resources Control Board, GeoTracker website, http://geotracker.swrcb.ca.gov/.
- Division of Oil, Gas & Geothermal Resources DOGGR Home Page, State of California Department of Conservation, http://maps.conservation.ca.gov/doms/index.html.
- Department of Toxic Substance Controls (DTSCs) Envirostor website, http://www.envirostor.dtsc.ca.gov/public/.
- Geologic Map of the Oceanside 30'x60' Quadrangle, California, 2005. United States Geological Survey.
- Norris, R. M. and Webb, R. W., 1990. Geology of California (2nd edn). New York: John Wiley & Sons, Inc. 1990.
- United States Department of Agriculture, Natural Resources Conservation Service (NRCS), Web Soil Survey, http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm
- United States Geological Survey, Rancho Santa Fe, California Quadrangle Topographic Map (7.5', 1:24,000), 1996.

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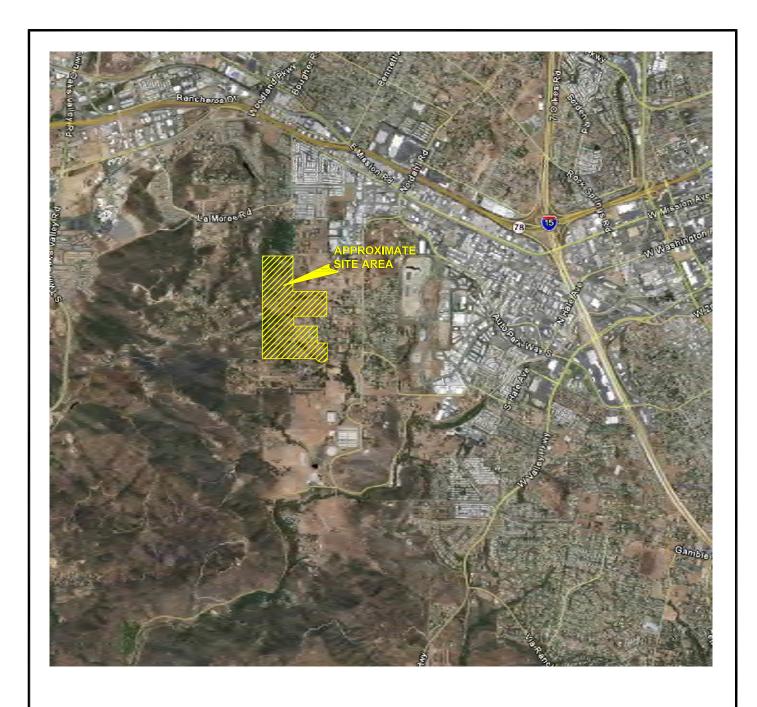
12. QUALIFICATIONS

This Phase I ESA report was prepared by Ms. Elizabeth Miller and Mr. Benjamin Eastman We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312. We have the specific qualifications based on education, training, and experience, to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Mr. Eastman is a California Professional Geologist with over 26 years of professional geologic experience and training in environmental, geotechnical, and marine geology and engineering. Mr. Eastman received his BS degree and MS degree in Geological Sciences and has over 20 years of experience in the assessment and remediation of petroleum-related impacts to soil and groundwater at fuel terminals, retail service stations, and other commercial and industrial sites. He has extensive project management experience involving multi-site portfolios for major clients, as well as extensive drilling, sampling, field control, and technical writing experience.

Ms. Miller has a BS degree in Geological Science and more than 5 years of experience in the preparation and management of Phase I ESAs and other site investigation activities. Ms. Miller performs research, environmental assessments and field sampling programs for industrial sites, commercial/retail areas, residential and agricultural properties, and transportation corridors.

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GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS 6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974 PHONE 858 558-6900 - FAX 858 558-6159

SK / RS DSK/GTYPD

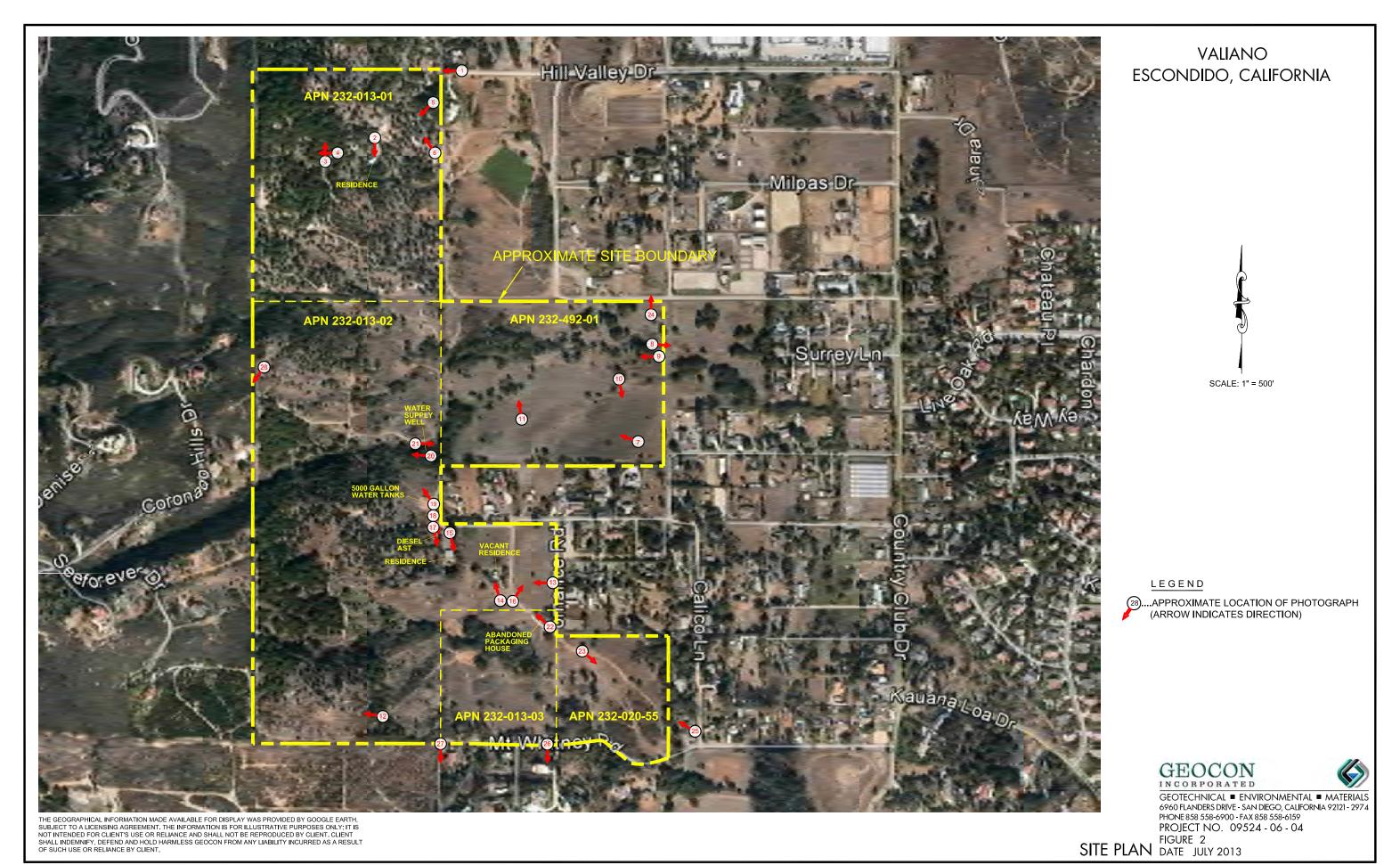
VICINITY MAP

VALIANO ESCONDIDO, CALIFORNIA

DATE JULY 2013

PROJECT NO. 09524 - 06 - 04

FIG. 1



VALIANO ESCONDIDO, CALIFORNIA Hill-Valley-Dr Miloas Dr SCALE: 1" = 500' LEGEND B3-B12PESTICIDE ASSESSMENT (2005 LIMITED PHASE II ESA) (BORINGS B1 AND B2 ARE LOCATED NORTH OF THE CURRENT NORTHERN SITE BOUNDARY) B13-B24 ●PESTICIDE ASSESSMENT .ST1-AST2TOTAL PETROLEUM HYDROCARBON ASSESSMENT NEAR THE DIESEL ABOVEGROUND STORAGE TANK (AST) THE GEOGRAPHICAL INFORMATION MADE AVAILABLE FOR DISPLAY WAS PROVIDED BY GOOGLE EARTH, SUBJECT TO A LICENSING AGREEMENT. THE INFORMATION IS FOR ILLUSTRATIVE PURPOSES ONLY; IT IS NOT INTENDED FOR CLIENT'S USE OR RELIANCE AND SHALL NOT BE REPRODUCED BY CLIENT. CLIENT SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS GEOCON FROM ANY LIABILITY INCURRED AS A RESULT OF SUCH USE OR RELIANCE BY CLIENT. GEOCON INCORPORATED GEOTECHNICAL ENVIRONMENTAL MATERIALS 6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974 PHONE 858 558-6900 - FAX 858 558-6159 PROJECT NO. 09524 - 06 - 04 FIGURE 3 DATE JULY 2013



Photograph No.1

View to the west toward site parcel 232-013-01 from Hill Valley Drive.

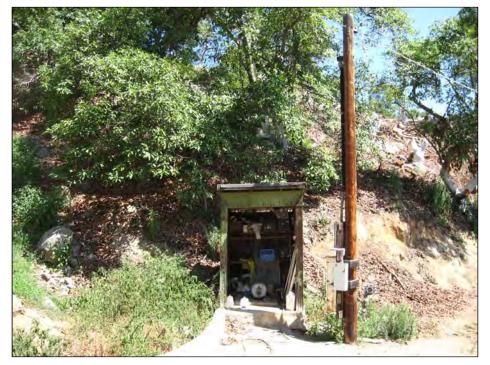


Photograph No.2 A single-family residence on site parcel 232-013-01.



SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.3 A pump house located near the center of site parcel 232-013-01.



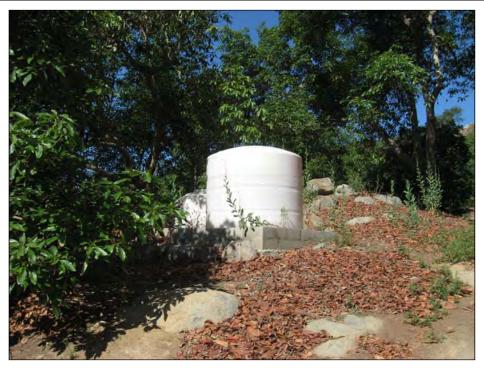
Photograph No.4
Overhead power lines and pole-mounted transformers on site parcel 232-013-01.



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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.5 Polyethylene ASTs on site parcel 232-013-01.



Photograph No.6
An apparent water filtration system on site parcel 232-013-01.





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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.7

View to the northwest of the Site from the southeastern corner of site parcel 232-492-01.



Photograph No.8

Rincon Del Diablo Municipal Water District service pipeline on site parcel 232-492-01.



SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.9 Drainage culvert on site parcel 232-492-01.



Photograph No.10
A plastic drainage pipe, approximately 3 inches in diameter, protruding from the ground on site parcel 232-492-01.





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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.11
A concrete slab located near center of site parcel 232-492-01.



Photograph No.12 Avocado groves on the western portion of site parcel 232-013-02.





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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.13

View to the west of site parcel 232-013-02 from Romance Road.



Photograph No.14 A single-family residence on site parcel 232-013-02.





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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.15
View to the south of a single-family residence on site parcel 232-013-02 from Eden Valley Lane.



Photograph No.16 View to the northeast of unimproved road and compost piles on site parcel 232-013-02.



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SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.17
View to the south of the diesel AST on site parcel 232-013-02 from the western end of Eden Valley Lane.



Photograph No.18 View to the south of a pump house on site parcel 232-013-02.





SKK

SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.19 View to the northwest of the three 5,000-gallon polyethylene ASTs on site parcel 232-013-02.



Photograph No.20 Water supply well on site parcel 232-013-02.



SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.21 A flowing stream on site parcel 232-013-02.



Photograph No.22
The abandoned packaging facility on site parcel 232-013-02.



SKK

SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.23
Unimproved roads and overhead power lines extending from Mt. Whitney Road to the central portion of the Site.



Photograph No.24
View to the north of the northern adjacent properties from the northeastern corner of site parcel 232-492-01.





SKK

SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.25
View to the northwest from Calico Lane of an eastern adjacent single family residence.



Photograph No.26
View to the south from Mount Whitney Road of a southern adjacent residence.



SITE PHOTOGRAPHS

VALIANO ESCONDIDO, CALIFORNIA



Photograph No.27
View to the south from Mount Whitney Road of a southern adjacent residence.



Photograph No.28

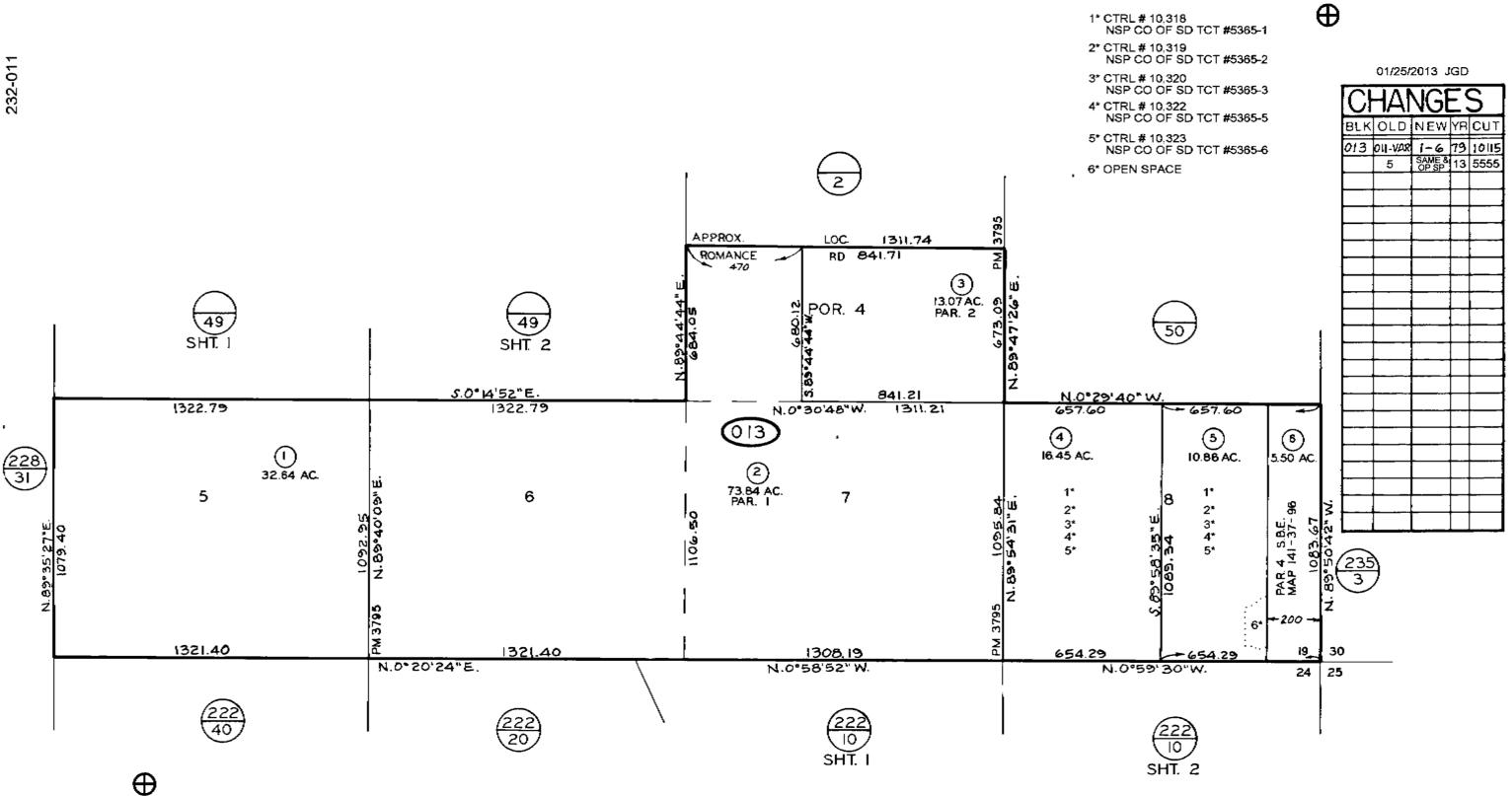
View to the southwest from the western site boundary of the western adjacent properties.

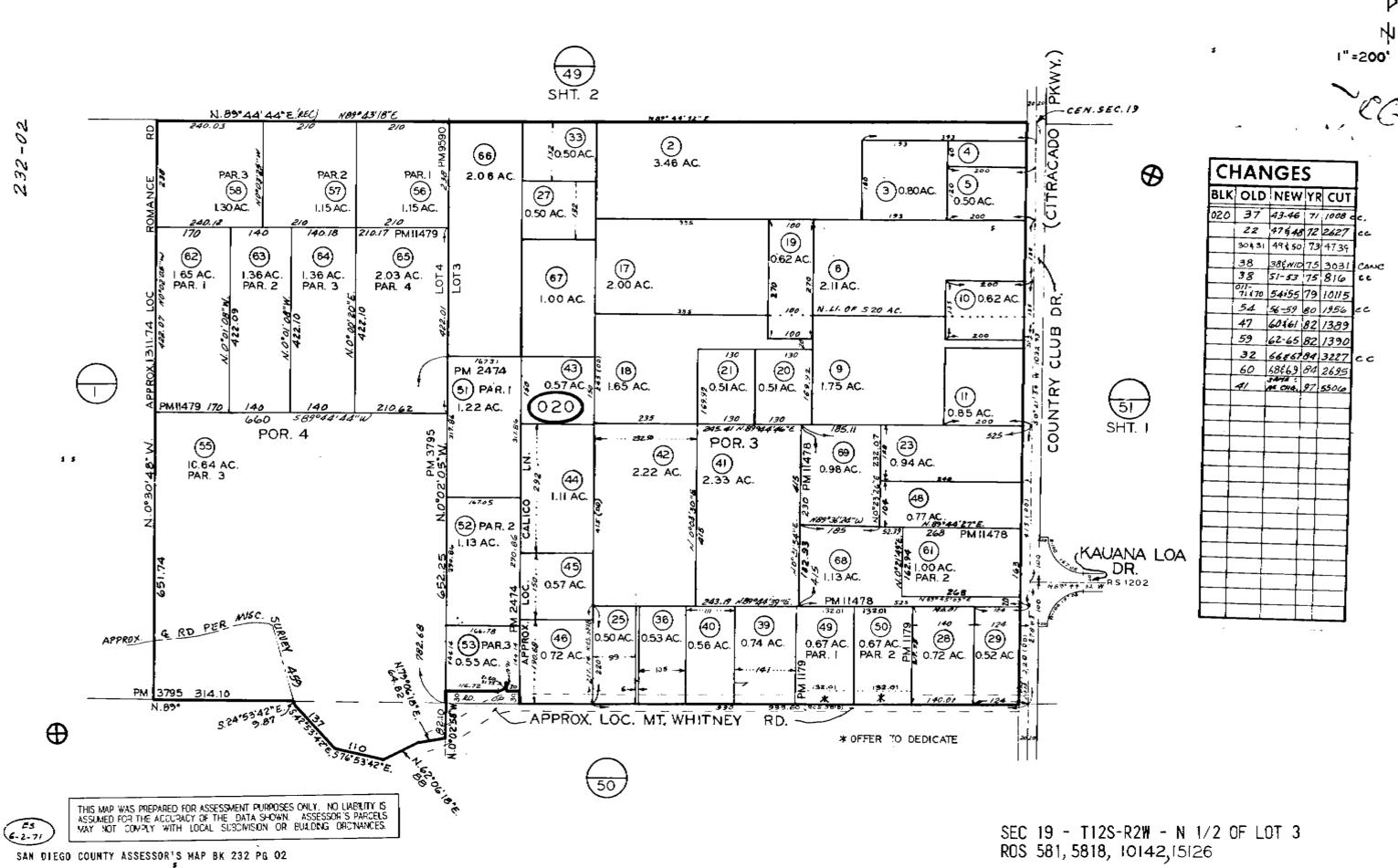


SITE PHOTOGRAPHS

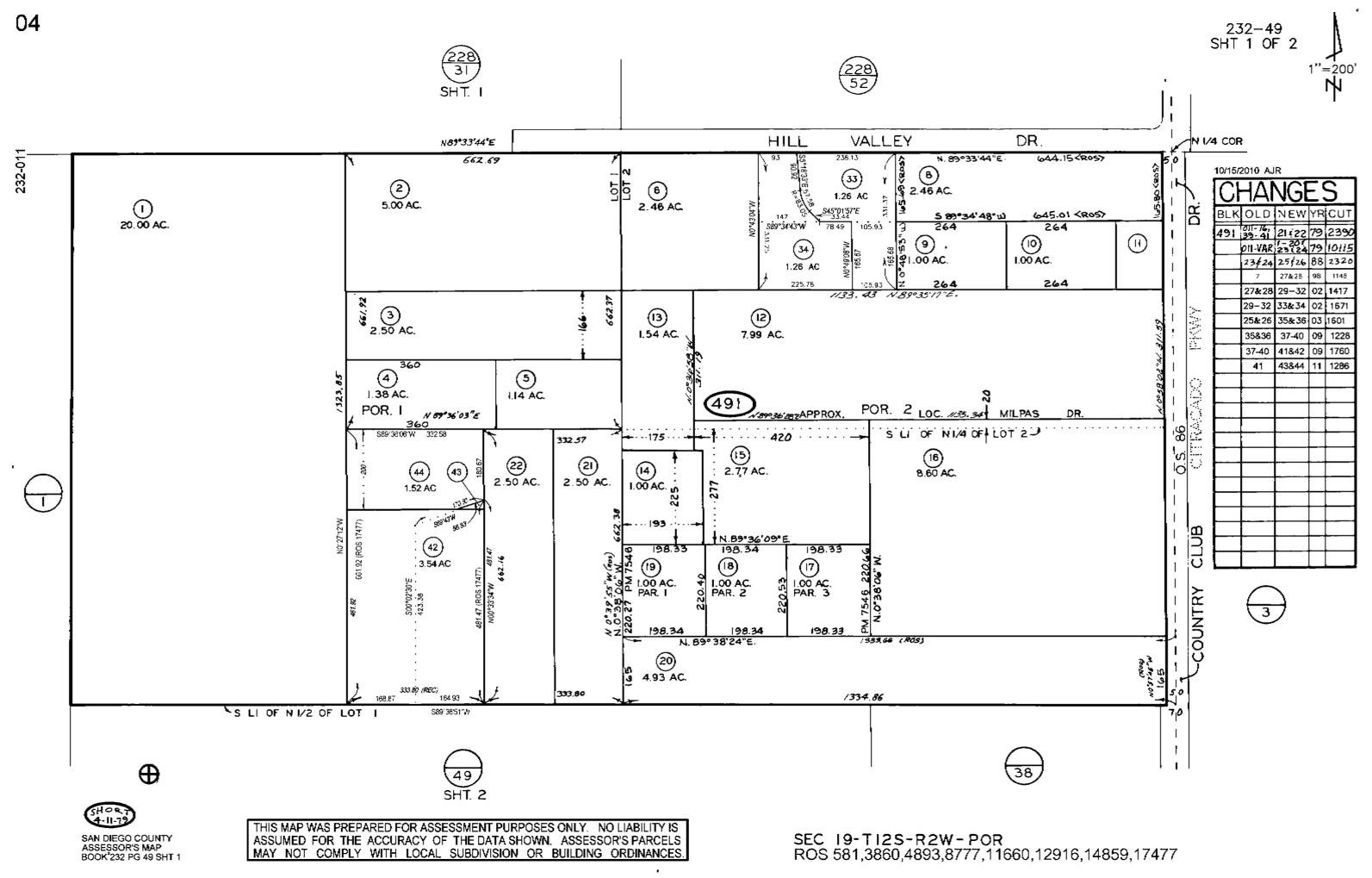
VALIANO ESCONDIDO, CALIFORNIA

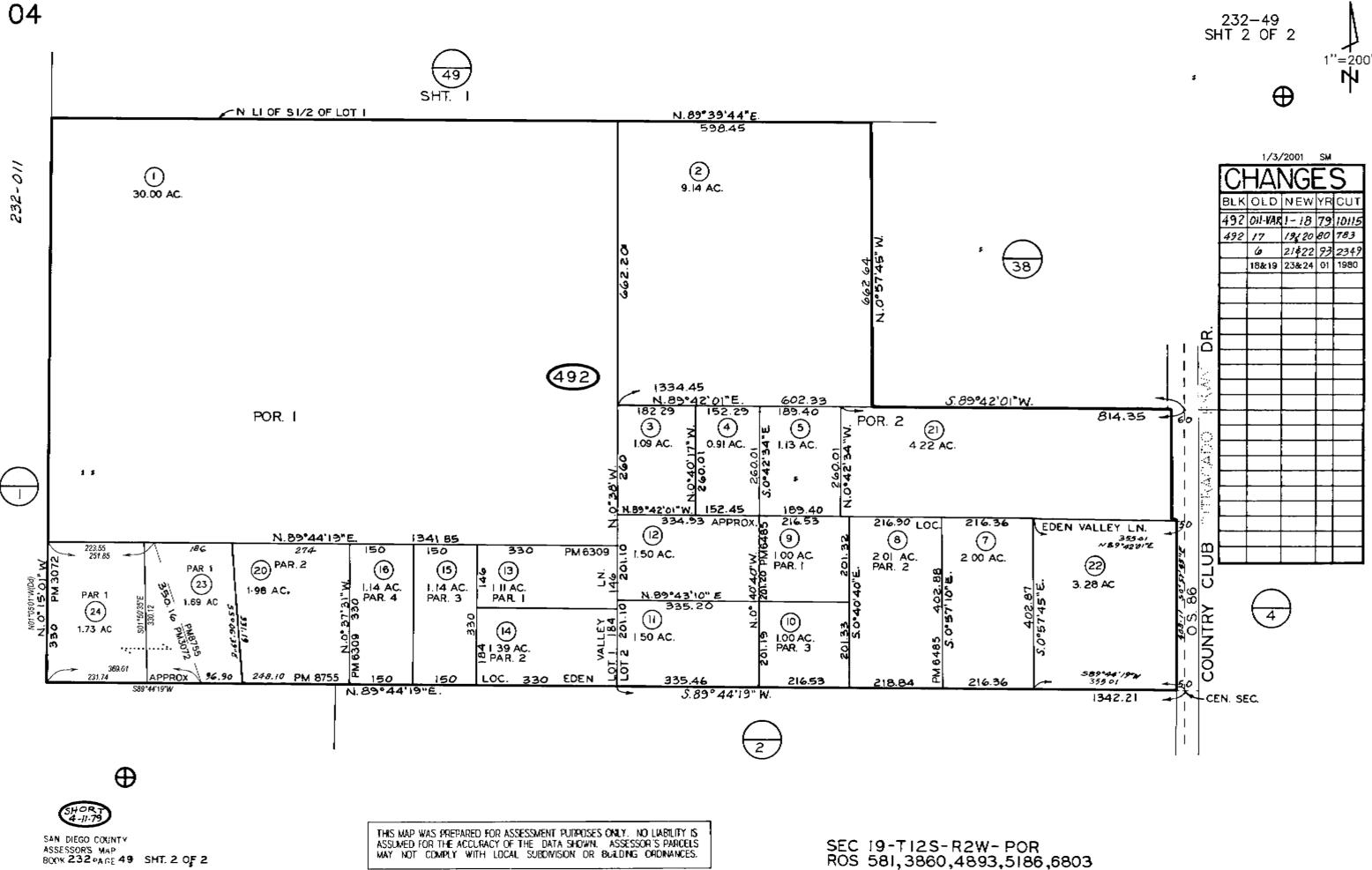
APPENDIX A





232 -02

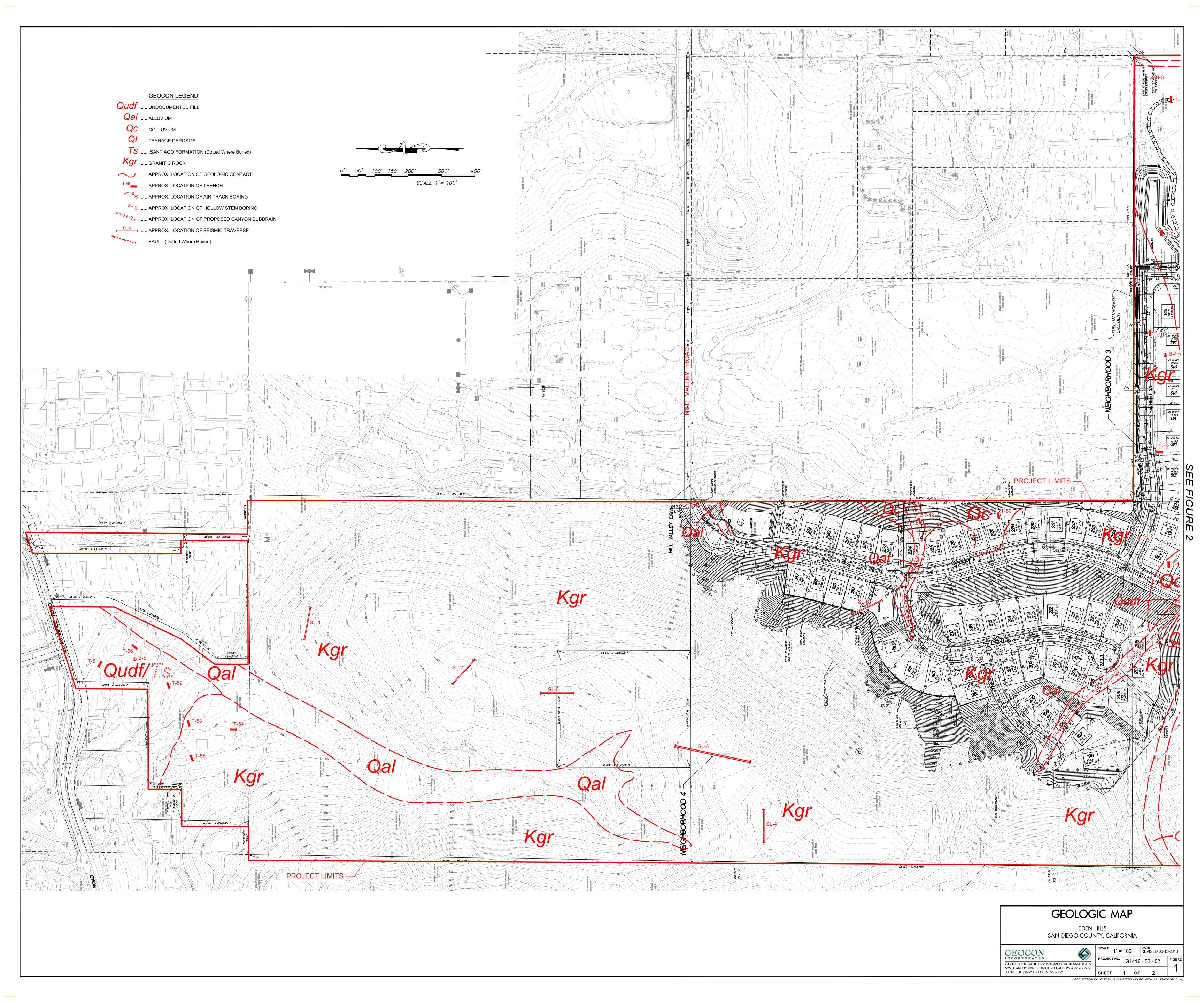


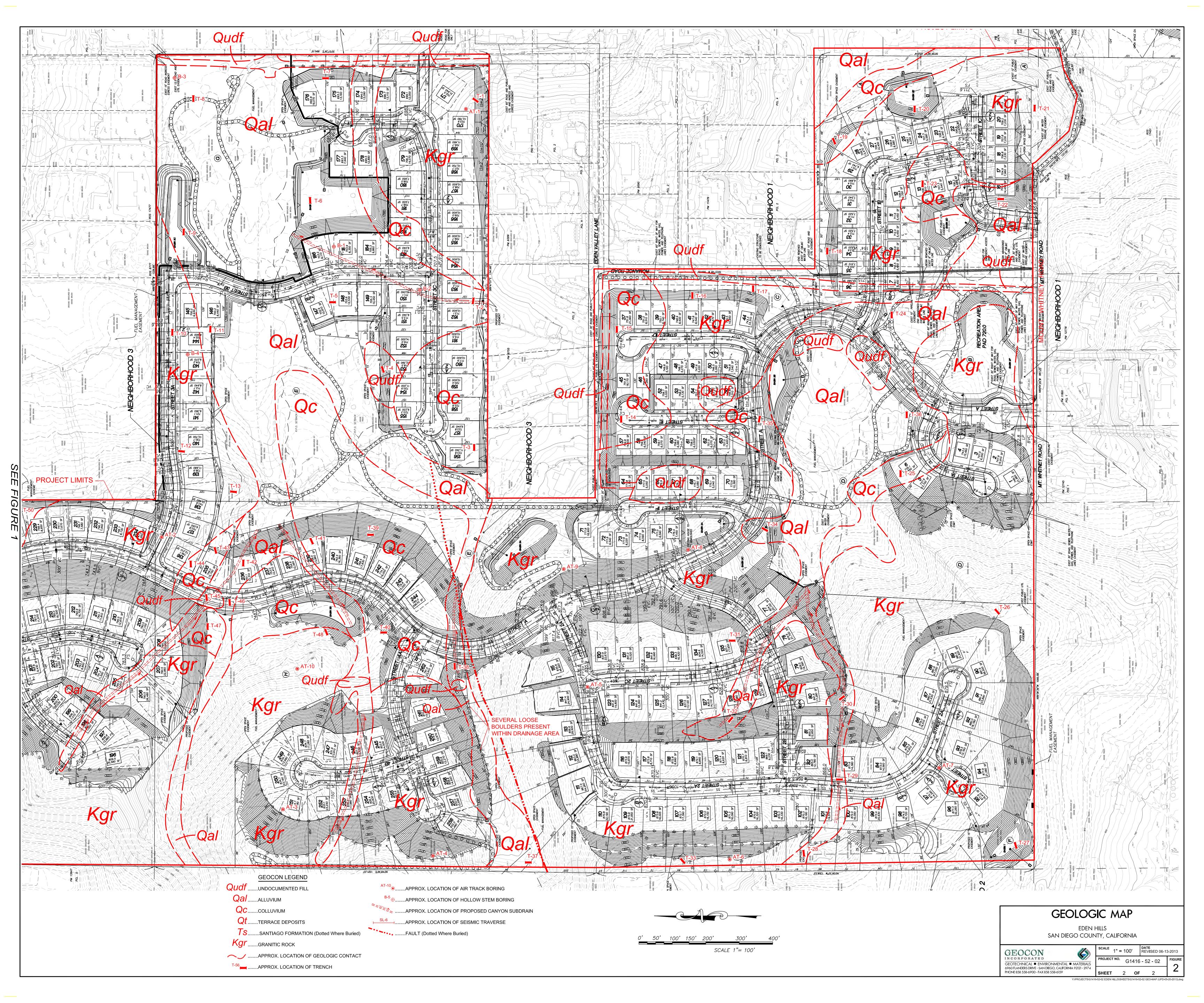


THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING OFDINANCES.

SEC 19-T12S-R2W-POR ROS 581,3860,4893,5186,6803

APPENDIX B





APPENDIX C

CLIENT-PROVIDED INFORMATION FOR THE SITE

SITE: Valiano, Project No. 09524-06-04

*Please elaborate on any question answered "yes." If the question does not apply to the site, please answer "N/A".

- 1. If possible, please provide us with the title, appraisal, or sale agreement records to review and discuss in the Phase I ESA.
- 2. Are you aware of any environmental liens or activity and use limitations associated with the Site?

NO

3. Do you have any specialized knowledge of the Site?

NO

4. Please provide any commonly known or reasonably ascertainable information about the Site.

Agriculture - Avocado Emores

5. Who currently owns, manages, and operates the Site? 132-013-02, 03 232-013-55 the Eden Hills Property owner, LCC 232-013-01 - Henry Arocado 232-492-01 - Kamran Hakimian

- 6. Has the monetary value of the Site been reduced due to environmental issues associated with the Site or adjacent properties?
- 7. Why are you requesting a Phase I ESA for the Site? Rego by Courty 50

Melisk Krawk NAME (IN PRINT)

6/21/13 DATE

Integral Communities. Project Maron COMPANY NAME AND TITLE

Please feel free to contact me if you have any questions. When complete, return the questionnaire via email or fax:

> Ms. Elizabeth Miller Geocon Incorporated miller@geoconinc.com (858) 558-6900 PHONE (858) 558-6159 FAX

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE FOR SITE OWNER, OCCUPANT, OR REPRESENTATIVE

SITE: Valiano, Project No. 09524-06-04 *Please elaborate on any question answered "yes." If the question does not apply to the site, please answer "N/A". 1) Describe the current uses of the Site. 2) How long has the Site been used for theses purposes? 3) How long have you occupied the Site? 4) List the existing structures on the property and their age. 5) Describe the past uses, owners, and operators of the Site. (Be as detailed as possible and note Avocado Orchards - Farming approximate time periods.) 6) Utilities including electricity, natural gas, water, sewer, and trash removal are provided to the Site by which utility/companies. Water -Sewer -Electricity -Natural Gas -Trash -7) What type of heating, ventilating, and air conditioning (HVAC) system is located at the Site and how is the HVAC system powered? NIA 8) Have the Site or adjoining properties been used for industrial activities, such the following? (Please note that an adjoining property is a property that is contiguous with, or directly across the street from the Site.) Gasoline Station [] Yes [YNo [] Yes | No **Printing Facility** [] Yes No Metal Plating Manufacturing [] Yes No No Landfill [] Yes A No Motor Repair Facility [] Yes k] No Dry Cleaners

[] Yes [] No

[] Yes PNo

[] Yes No

Junkyard

Waste Treatment

Storage, Disposal, or Recycling Facility

Describe other industrial activities, if any.
9) Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped aboveground, buried, or burned on the Site?
[]Yes[]No UNSUL
10) Have any of the following items been stored on the Site in containers greater than 5 gallons?
Paint [] Yes [] No Chemicals [] Yes [] No Pesticides [] Yes [] No
11) Are hazardous wastes generated at the Site? If yes, describe the means of disposal and frequency of disposal.
[] Yes [XNo
12) Have petroleum products been stored on the Site or transferred across the Site in pipelines, either above or belowground?
[]Yes[]No WM
13) Has fill dirt been brought onto the Site from an offsite source?
[] Yes No
14) Is there evidence that the fill dirt in Question 13 may be contaminated?
[] Yes NNo
15) Are there currently any pits, ponds, or lagoons on the Site?
[] Yes [No
16) Have any pits, ponds, or lagoons previously existed on the Site?
[] Yes [XNo
17) Are there currently areas on the Site with stained soil?
[] Yes [No

[] Yes [] No Currel	
19) Do chemical-containing underground or aboveground storage tanks exist, or have they existed previously on the Site?	
[]Yes[]No Unsul	
20) Do fill pipes, vent pipes, or access ways indicating the presence of current or former underground storage tanks exist on the Site?	
[] Yes [] No United	
21) Have fill pipes or vent pipes which may indicate the presence of a current or former underground storage tank been removed from the Site?	
[]Yes[]No UNWU	
22) Are floor drains stained with anything other than water in any area on the Site?	
[] Yes No	
23) Do floor drains on the Site emit foul odors?	
[] Yes [XNo	
24) Is the Site served by a private well or a non-public water source?	
[] Yes [] No	
25) Are contaminants known to exist in any private well or non-public water system serving the Site?	
[] Yes [No	
26) Does the Site discharge wastewater, other than domestic wastewater or storm water, into the sewer?	
[] Yes No	
27) Other than permission for domestic hookup, have any city, county, or local permits for wastewater discharge been issued to the Site?	

18) Have stained soils previously existed on the Site?

[] Yes [] No
28) Does a septic tank exist, or has one existed previously on the Site?
[] Yes [] No Unsure
29) Do cesspools or cisterns currently exist on the Site?
[] Yes [] No Unul
30) Have cesspools or cisterns previously existed on the Site?
[] Yes [] No UNSUL
31) Other than storm water, does the Site discharge waste water onto the neighboring Site?
[] Yes [XNo
32) Is there a transformer or capacitor that may contain PCBs on the Site?
[] Yes No
33) Is there hydraulic equipment such as automobile lifts or elevators on the Site?
[] Yes No
34) Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Site?
[]Yes[]No United
35) Has an asbestos and/or lead-based paint survey been conducted at the Site? If so, what were the findings?
[] Yes [] No Upsul
36) Other than small quantities of legal pesticides used for landscape maintenance (e.g., Roundup), have pesticides, herbicides, or insecticides been applied on the Site? [] Yes [] No
37) Are you aware of any environmental liens against the Site that are filed or recorded under federal,

tribal, state, or local law?

NO

Yes	Π	No

38) Have any environmental violations or citations associated with activities conducted on the Site been issued?

[] Yes No

39) Has the Site been included in other environmental assessments? If so, can copies of the reports be provided? Geocan has them

Yes [] No

40) Have other environmental assessments identified hazardous substances or petroleum products that exist, or may have existed on the Site?

[] Yes [] No

41) Are there any pending lawsuits that involve the release or threatened release of hazardous substances associated with the Site?

[] Yes No

42) Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place on the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

[] Yes No

43) Are you aware of any commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of hazardous substance releases or threatened hazardous substance releases?

[] Yes [**N**O

44) Do you have any specialized knowledge or experience related to the Site or nearby properties, including the knowledge of the chemicals and processes used by this type of business?

[] Yes No

45) Based in your knowledge or experience related to the Site, are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

[] Yes No



PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE FOR SITE OWNER, OCCUPANT, OR REPRESENTATIVE

SITE: Eden Hills, 09524-06-02 *Please elaborate on any question answered "yes." If the question does not apply to the site, please answer "N/A". 1) Describe the current uses of the Site. Agriculture 2) How long has the Site been used for theses purposes? OVer 30 Years 3) How long have you occupied the Site? 10 years 4) List the existing structures on the property and their age. Two homes age unknown 5) Describe the past uses, owners, and operators of the Site. (Be as detailed as possible and note Agriculture I Purchased the ProParty in 2000 approximate time periods.) 6) Utilities including electricity, natural gas, water, sewer, and trash removal are provided to the Site by which utility/companies. Water -Sewer - Electricity - SDG \(\xi \)E Natural Gas -Trash -7) What type of heating, ventilating, and air conditioning (HVAC) system is located at the Site and how is the HVAC system powered? None 8) Have the Site or adjoining properties been used for industrial activities, such the following? (Please note that an adjoining property is a property that is contiguous with, or directly across the street from the Site.) [] Yes [/ No **Gasoline Station** [] Yes [] No **Printing Facility** [] Yes [1] No Metal Plating Manufacturing [] Yes [No Landfill [] Yes [] No Motor Repair Facility [] Yes No **Dry Cleaners** [] Yes [1] No Junkyard

[] Yes [] No [] Yes [] No

Waste Treatment

Storage, Disposal, or Recycling Facility

9) Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped aboveground, buried, or burned on the Site?
[] Yes [] No
10) Have any of the following items been stored on the Site in containers greater than 5 gallons?
Paint [] Yes M No Chemicals [] Yes M No Pesticides [] Yes M No
11) Are hazardous wastes generated at the Site? If yes, describe the means of disposal and frequency of disposal.
[]Yes Mo
12) Have petroleum products been stored on the Site or transferred across the Site in pipelines, either above or belowground?
[] Yes MNo
13) Has fill dirt been brought onto the Site from an offsite source?
[] Yes [] No
14) Is there evidence that the fill dirt in Question 13 may be contaminated?
[] Yes [YNo
15) Are there currently any pits, ponds, or lagoons on the Site?
[] Yes [JNo
16) Have any pits, ponds, or lagoons previously existed on the Site?
[] Yes MNo
17) Are there currently areas on the Site with stained soil?
[] Yes My No

Describe other industrial activities, if any.

18) Have stained soils previously existed on the Site?
[]Yes [MNo
19) Do chemical-containing underground or aboveground storage tanks exist, or have they existed previously on the Site?
previously on the Site? (MYes[]No ahove ground small Fartilizer Tounk
20) Do fill pipes, vent pipes, or access ways indicating the presence of current or former underground storage tanks exist on the Site?
[] Yes [X] No
21) Have fill pipes or vent pipes which may indicate the presence of a current or former underground storage tank been removed from the Site?
[] Yes [M] No
22) Are floor drains stained with anything other than water in any area on the Site?
[] Yes No
23) Do floor drains on the Site emit foul odors?
[] Yes M No
24) Is the Site served by a private well or a non-public water source?
MYes[] No Pri Vate well Du
25) Are contaminants known to exist in any private well or non-public water system serving the Site?
[] Yes [X] No
26) Does the Site discharge wastewater, other than domestic wastewater or storm water, into the sewer?
[] Yes [X] No
27) Other than permission for domestic hookup, have any city, county, or local permits for wastewated discharge been issued to the Site?

[] Yes [i] No
28) Does a septic tank exist, or has one existed previously on the Site?
[Yes [] No
29) Do cesspools or cisterns currently exist on the Site?
[]Yes []No
30) Have cesspools or cisterns previously existed on the Site?
[] Yes [1] No
31) Other than storm water, does the Site discharge waste water onto the neighboring Site?
[] Yes [v] No
32) Is there a transformer or capacitor that may contain PCBs on the Site?
[] Yes [1] No
33) Is there hydraulic equipment such as automobile lifts or elevators on the Site?
[]Yes [No
34) Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Site?
[] Yes [v] No
35) Has an asbestos and/or lead-based paint survey been conducted at the Site? If so, what were the findings?
[] Yes [No
36) Other than small quantities of legal pesticides used for landscape maintenance (e.g., Roundup), have pesticides, herbicides, or insecticides been applied on the Site? [] Yes [] No
37) Are you aware of any environmental liens against the Site that are filed or recorded under federal, tribal state or local law?

[] Yes M No	
[] Yes M No	
	1 . t. d the Cite been
38) Have any environmental violations or citations associated with activissued?	vities conducted on the Site been
[] Yes [] No	
39) Has the Site been included in other environmental assessments? If provided?	f so, can copies of the reports be
[] Yes [Y No	
40) Have other environmental assessments identified hazardous substrexist, or may have existed on the Site?	ances or petroleum products that
[] Yes [No	
41) Are there any pending law suits that involve the release or threatene associated with the Site?	ed release of hazardous substances
[] Yes [M] No	
42) Are you aware of any activity and land use limitations, such a restrictions or institutional controls that are in place on the Site and/or registry under federal, tribal, state or local law?	as engineering controls, land use r have been filed or recorded in a
[Yes[] No 20/20 Plan	
43) Are you aware of any commonly known or reasonably ascertainable would help the environmental professional to identify conditions in releases or threatened hazardous substance releases?	ole information about the Site that indicative of hazardous substance
[] Yes [[] No	ξ΄ - · · · · · · · · · · · · · · · · · · ·
44) Do you have any specialized knowledge or experience related including the knowledge of the chemicals and processes used by this type	pe of business?
MYes[] No Liquid Fertelizer APPIICO	action
Time to Time snal	15 Hay
45) Based in your knowledge or experience related to the Site, are there to the presence or likely presence of contamination at the Site?	e any obvious indicators that point

[] Yes M No

46) If the purchase price of the Site was below fair market value, did this occur because contamination was/is known or believed to be present on the Site?

[] Yes [] No X N/A

MIKE PAHR 11/14/11
NAME (IN PRINT) DATE

,

[] Owner [] Occupant [] Owner Representative

Please feel free to contact me if you have any questions. When complete, return the questionnaire via email or fax:

> Ms. Elizabeth Hartung Geocon Incorporated hartung@geoconinc.com (858) 558-6900 PHONE (858) 558-6159 FAX

STEHLY BROTHERS DRILLING, INC.

License: C-57 #709686 13268 McNally Road Valley Center, California 92082 760-742-3668 760-742-4564 Fax

9/29/08

Mike Fahr LLC 1274 Veronica Court Carlsbad, CA 92011 760-603-8221 / 760-688-8127M 760-603-8221 Fax Well Site: APN: 232-013-02

3240 Whitney Road Escondido, CA 92029

New well drilled for Mike Fahr at 3240 Mt. Whitney Road in Escondido. Started drilling 9/19/08 and Finished Well 9/25/08. APN: 232-013-02-00 Permit #LWEL 19858 8/15/08.

0-7 Boulders & Brown D.G. 7-17 Brown D.G. 17-360 **B&W** Granite 360-365 Slightly Fractured B&W Granite 365-525 **B&W** Granite Slightly Fractured B&W Granite 525-535 535-580 **B&W** Granite Slightly Fractured B&W Granite 580-585 **B&W** Granite 585-1085 1085-1090 Slightly Fractured B&W Granite Water: 60 GPM Total **B&W** Granite **USED BOOSTER & RIG** 1090-1310

Comments:

5 11 15

60GPM Total Well Depth: 1310' Air Test: at 1300' 60GPM Hole Diameter: 6 1/2" hole at 1000' Casing: 21' of 8 5/8" steel at 800' 50GPM ,, at 600' Surface Seal: 40GPM Cement Water: 60 GPM



Valiano

Mt. Whitney Road and Calico Lane Escondido, CA 92029

Inquiry Number: 3635994.1s

June 13, 2013

The EDR Radius Map™ Report with GeoCheck®

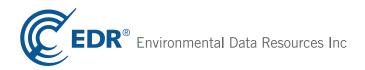


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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MT. WHITNEY ROAD AND CALICO LANE ESCONDIDO, CA 92029

COORDINATES

Latitude (North): 33.1168000 - 33° 7' 0.48" Longitude (West): 117.1375000 - 117° 8' 15.00"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 487172.0 UTM Y (Meters): 3664052.5

Elevation: 843 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-A2 RANCHO SANTA FE, CA

Most Recent Revision: 1983

North Map: 33117-B2 SAN MARCOS, CA

Most Recent Revision: 1996

Northeast Map: 33117-B1 VALLEY CENTER, CA

Most Recent Revision: 2000

East Map: 33117-A1 ESCONDIDO, CA

Most Recent Revision: 1975

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012 Source: USDA

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

RESPONSE...... State Response Sites

Fadaval NDL aira liar	
Federal NPL site list NPL	National Driarity List
	_ National Phonty List Proposed National Priority List Sites
NPL LIENS	
Federal Delisted NPL site li	rst .
	National Priority List Deletions
Delisted NFL	- National Filotity List Deletions
Federal CERCLIS list	
	Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY	Federal Facility Site Information listing
Federal CERCLIS NFRAP s	ite List
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
Federal RCRA CORRACTS	facilities list
CORRACTS	Corrective Action Report
Federal RCRA non-CORRA	CTS TSD facilities list
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Federal RCRA generators I	ist
	RCRA - Large Quantity Generators
	RCRA - Small Quantity Generators RCRA - Conditionally Exempt Small Quantity Generator
RCRA-CESQG	- RCRA - Conditionally Exempt Small Quantity Generator
Federal institutional contro	ls / engineering controls registries
	Engineering Controls Sites List
	_ Sites with Institutional Controls _ Land Use Control Information System
LUCIS	Land Use Control Information System
Federal ERNS list	
ERNS	_ Emergency Response Notification System
State- and tribal - equivaler	nt NPL

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 SLIC...... Statewide SLIC Cases

SAN DIEGO CO. SAM..... Environmental Case Listing

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

State and tribal registered storage tank lists

UST...... Active UST Facilities

AST...... Aboveground Petroleum Storage Tank Facilities INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

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

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

Local Lists of Hazardous waste / Contaminated Sites

SCH_____School Property Evaluation Program

Toxic Pits______ Toxic Pits Cleanup Act Sites CDL_____ Clandestine Drug Labs

San Diego Co. HMMD..... Hazardous Materials Management Division Database

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

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

HIST UST..... Hazardous Substance Storage Container Database

SWEEPS UST...... SWEEPS UST Listing

Local Land Records

LIENS 2..... CERCLA Lien Information LIENS..... Environmental Liens Listing 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 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators DOT OPS..... Incident and Accident Data DOD..... Department of Defense Sites FUDS...... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision UMTRA..... Uranium Mill Tailings Sites US MINES..... Mines Master Index File

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS...... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS______Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS_____Facility Index System/Facility Registry System RAATS......RCRA Administrative Action Tracking System RMP...... Risk Management Plans

CA BOND EXP. PLAN..... Bond Expenditure Plan UIC Listing

NPDES...... NPDES Permits Listing

Cortese Waste & Substances Sites List

HIST CORTESE..... Hazardous Waste & Substance Site List

CUPA Listings..... CUPA Resources List Notify 65...... Proposition 65 Records DRYCLEANERS..... Cleaner Facilities

WIP..... Well Investigation Program Case List

ENF..... Enforcement Action Listing HAZNET..... Facility and Manifest Data EMI..... Emissions Inventory Data

INDIAN RESERV...... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

MWMP..... Medical Waste Management Program Listing

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

HWT...... Registered Hazardous Waste Transporter Database

HWP EnviroStor Permitted Facilities Listing
Financial Assurance Financial Assurance Information Listing

LEAD SMELTERS..... Lead Smelter Sites

2020 COR ACTION........... 2020 Corrective Action Program List

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

PRP....... Potentially Responsible Parties WDS...... Waste Discharge System

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR..... Financial Assurance Information

PCB TRANSFORMER...... PCB Transformer Registration Database

PROC..... Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

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.

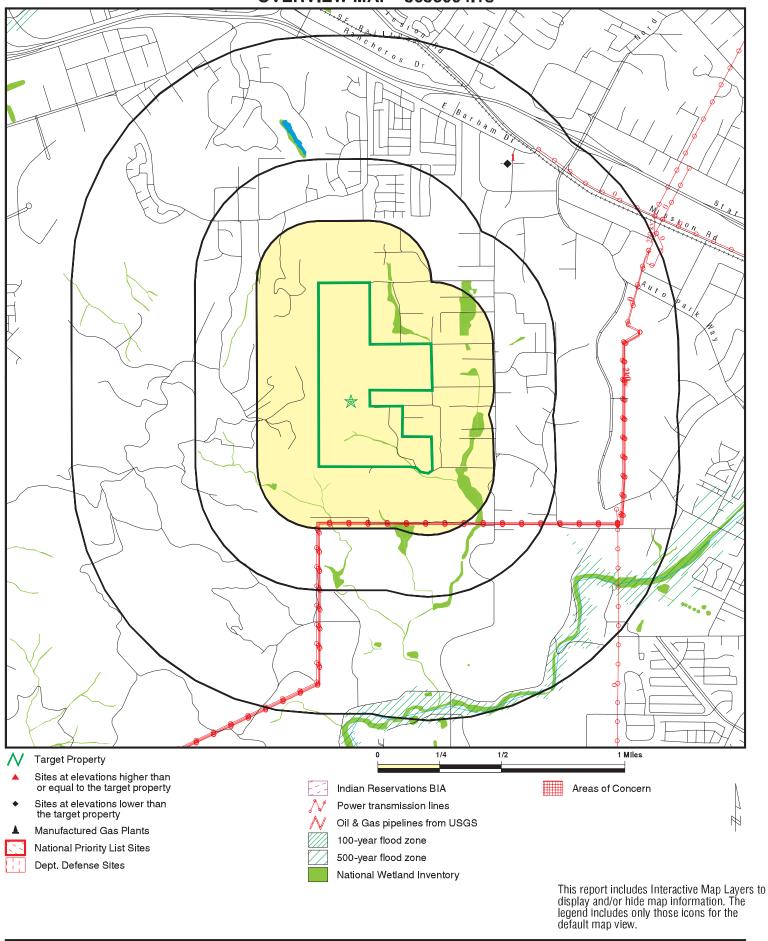
A review of the ENVIROSTOR list, as provided by EDR, and dated 03/13/2013 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
A & D PLATING, INC. Status: Inactive - Needs Evaluation	2265-A MICRO PLACE	NNE 1/2 - 1 (0.736 mi.)	1	8

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
CALTRANS	SWEEPS UST
DIXON DAM	SWF/LF
MAYHEW DUMP (ESCONDIDO I)	SWF/LF
BENTON DUMP	SWF/LF

OVERVIEW MAP - 3635994.1s



SITE NAME: Valiano
ADDRESS: Mt. Whitney Road and Calico Lane

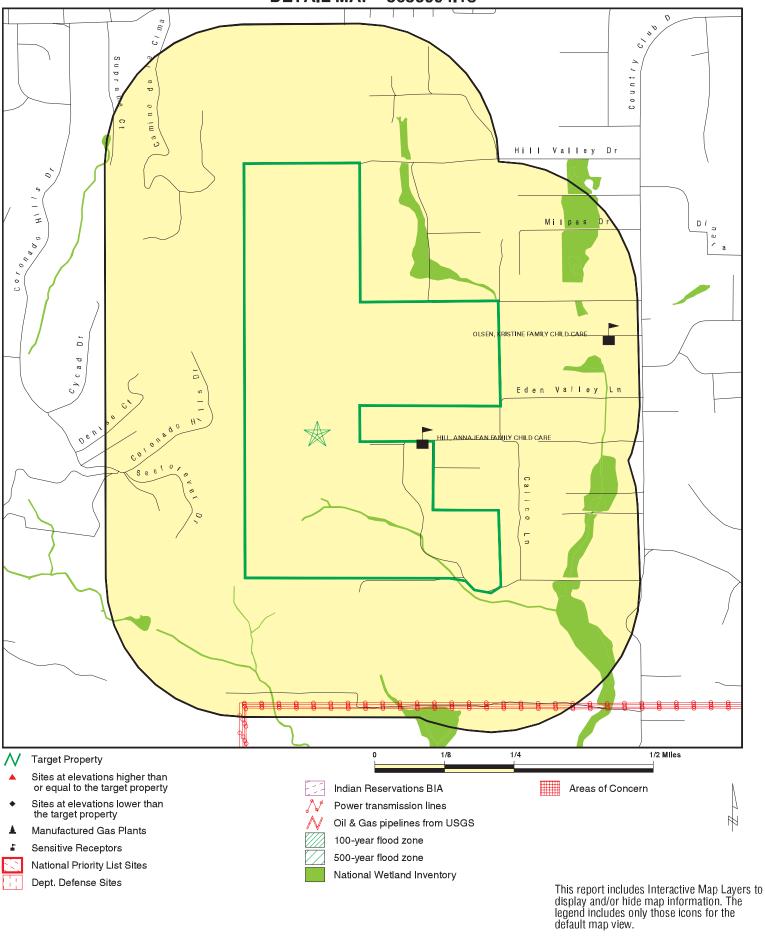
CLIENT: Geocon Env. Consultants, Inc.
CONTACT: Elizabeth Miller

ADDRESS: Mt. Whitney Road and Calico Lane
Escondido CA 92029

LAT/LONG: 33.1168 / 117.1375

CONTACT: Elizabeth Miller
INQUIRY #: 3635994.1s
DATE: June 13, 2013 7:15 pm

DETAIL MAP - 3635994.1s



SITE NAME: Valiano

ADDRESS: Mt. Whitney Road and Calico Lane

Escondido CA 92029 LAT/LONG: 33.1168 / 117.1375 CLIENT: Geocon Env. Consultants, Inc. CONTACT: Elizabeth Miller

INQUIRY #: 3635994.1s DATE: June 13, 2013 7:16 pm

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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
STANDARD ENVIRONMENTAL RECORDS										
Federal NPL site list										
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0		
Federal Delisted NPL sit	e list									
Delisted NPL	1.000		0	0	0	0	NR	0		
Federal CERCLIS list										
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
Federal CERCLIS NFRAI	P site List									
CERC-NFRAP	0.500		0	0	0	NR	NR	0		
Federal RCRA CORRAC	TS facilities li	st								
CORRACTS	1.000		0	0	0	0	NR	0		
Federal RCRA non-COR	RACTS TSD f	acilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0		
Federal RCRA generator	s list									
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0		
Federal institutional con engineering controls reg										
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0		
Federal ERNS list										
ERNS	TP		NR	NR	NR	NR	NR	0		
State- and tribal - equiva	lent NPL									
RESPONSE	1.000		0	0	0	0	NR	0		
State- and tribal - equiva	lent CERCLIS	3								
ENVIROSTOR	1.000		0	0	0	1	NR	1		
State and tribal landfill a solid waste disposal site										
SWF/LF	0.500		0	0	0	NR	NR	0		
State and tribal leaking s	storage tank l	ists								
LUST	0.500		0	0	0	NR	NR	0		

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
SLIC SAN DIEGO CO. SAM INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
State and tribal registered storage tank lists									
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0	
State and tribal voluntar	y cleanup site	es							
VCP INDIAN VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0	
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>s</u>							
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / S Waste Disposal Sites	Solid								
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0	
Local Lists of Hazardous Contaminated Sites	s waste /								
US CDL HIST Cal-Sites SCH Toxic Pits CDL San Diego Co. HMMD US HIST CDL	TP 1.000 0.250 1.000 TP TP TP		NR 0 0 0 NR NR NR	NR 0 0 0 NR NR NR	NR 0 NR 0 NR NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR NR	0 0 0 0 0 0	
Local Lists of Registered	d Storage Tan	iks							
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0	
Local Land Records									
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0	
Records of Emergency I	Release Repo	rts							
HMIRS	TP		NR	NR	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
CHMIRS LDS MCS	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Red								
RCRA NonGen / NLR DOT OPS DOD FUDS CONSENT	0.250 TP 1.000 1.000 1.000		0 NR 0 0	0 NR 0 0	NR NR 0 0	NR NR 0 0	NR NR NR NR NR	0 0 0 0
ROD UMTRA US MINES TRIS	1.000 0.500 0.250 TP		0 0 0 NR	0 0 0 NR	0 0 NR NR	0 NR NR NR	NR NR NR NR	0 0 0
TSCA FTTS HIST FTTS SSTS ICIS	TP TP TP TP TP		NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
PADS MLTS RADINFO FINDS	TP TP TP TP		NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
RAATS RMP CA BOND EXP. PLAN UIC	TP TP 1.000 TP		NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0 0
NPDES Cortese HIST CORTESE CUPA Listings	TP 0.500 0.500 0.250		NR 0 0 0	NR 0 0	NR 0 0 NR	NR NR NR NR	NR NR NR NR	0 0 0
Notify 65 DRYCLEANERS WIP ENF HAZNET	1.000 0.250 0.250 TP TP		0 0 0 NR NR	0 0 0 NR NR	0 NR NR NR NR	0 NR NR NR NR	NR NR NR NR NR	0 0 0 0
EMI INDIAN RESERV SCRD DRYCLEANERS MWMP	TP 1.000 0.500 0.250		NR 0 0 0	NR 0 0 0	NR 0 0 NR	NR 0 NR NR	NR NR NR NR	0 0 0 0
COAL ASH DOE COAL ASH EPA HWT HWP Financial Assurance	TP 0.500 0.250 1.000 TP		NR 0 0 0 NR	NR 0 0 0 NR	NR 0 NR 0 NR	NR NR NR 0 NR	NR NR NR NR NR	0 0 0 0
LEAD SMELTERS 2020 COR ACTION US AIRS PRP WDS	TP 0.250 TP TP TP		NR 0 NR NR NR	NR 0 NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

1 A & D PLATING, INC. ENVIROSTOR S110493552
NNE 2265-A MICRO PLACE N/A

1/2-1 ESCONDIDO, CA 92029 0.736 mi. 3887 ft.

Relative: ENVIROSTOR:

Lower Site Type: Tiered Permit Site Type Detailed: Tiered Permit Actual: Acres: Not reported

699 ft. NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Facility ID: 71002818
Site Code: Not reported

Assembly: 75 Senate: 38

Special Program: Not reported

Status: Inactive - Needs Evaluation

Status Date: Not reported

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Not reported
Latitude: 33.13050
Longitude: -117.1268
APN: NONE SPECIFIED

Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981400260

Alias Type: EPA Identification Number

Alias Name: 71002818

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Phase 1 Non-Submittal

Completed Date: 02/14/2001 Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Future Due Date: Not reported Schedule Area Name: Not reported Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Schedule Due Date: Not reported Schedule Revised Date: Not reported **EDR ID Number**

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ESCONDIDO	S106923904	CALTRANS	HIGHWAY 76 / I-5	92029	SWEEPS UST
ESCONDIDO	S109349420	DIXON DAM	DIXON DM & LAKE DIXON SPILLWA		SWF/LF
ESCONDIDO	S109821542	MAYHEW DUMP (ESCONDIDO I)	GREENWOOD PL		SWF/LF
ESCONDIDO	S109349416	BENTON DUMP	STILWATER GLN		SWF/LF

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: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 02/01/2013 Source: EPA
Date Data Arrived at EDR: 03/01/2013 Telephone: N/A

Number of Days to Update: 12 Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA Telephone: N/A

Last EDR Contact: 05/09/2013

Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

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: 07/31/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/10/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 12

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 05/09/2013
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: 02/12/2013 Date Data Arrived at EDR: 02/21/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 6

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 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: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 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: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013 Number of Days to Update: 12

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 05/02/2013 Next Scheduled EDR Contact: 07/15/2013 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: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 03/14/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 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: 03/14/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Varies

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: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/17/2013 Date Made Active in Reports: 02/15/2013

Number of Days to Update: 29

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

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: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013 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: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 05/21/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: 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

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: 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

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

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

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

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: 09/28/2012 Date Data Arrived at EDR: 11/01/2012 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 162

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/01/2013

Next Scheduled EDR Contact: 08/12/2013 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: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 43

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 04/18/2013

Number of Days to Update: 30

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-5092 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Quarterly

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: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

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: 02/21/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 45

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Quarterly

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: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 43

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Semi-Annually

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: 09/28/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 156

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 04/18/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/05/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

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: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/26/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: No Update Planned

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: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013

Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 03/19/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013 Date Data Arrived at EDR: 04/26/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 20

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/02/2013 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: 05/03/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/04/2013 Date Data Arrived at EDR: 03/12/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 59

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 04/03/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 41

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 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

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994 Date Data Arrived at EDR: 07/07/2005 Date Made Active in Reports: 08/11/2005

Number of Davis to Undeter 25

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

Local Land Records

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: 02/06/2013 Date Data Arrived at EDR: 04/25/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 03/15/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 12

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/11/2013 Date Data Arrived at EDR: 03/12/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/11/2013

Next Scheduled EDR Contact: 09/23/2013 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: 12/31/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 55

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/06/2012 Date Data Arrived at EDR: 01/29/2013 Date Made Active in Reports: 03/19/2013

Number of Days to Update: 49

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 05/01/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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: 02/12/2013 Date Data Arrived at EDR: 02/15/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 05/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, 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 Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/07/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 15

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013

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: 12/31/2011 Date Data Arrived at EDR: 01/15/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

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: 12/18/2012 Date Data Arrived at EDR: 03/13/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 30

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/11/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 04/18/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/04/2013

Next Scheduled EDR Contact: 09/16/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 09/01/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Annually

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: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/28/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the

Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

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: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/29/2013 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: 11/01/2012 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 114

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013 Date Data Arrived at EDR: 04/11/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 29

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/11/2013

Next Scheduled EDR Contact: 07/22/2013 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: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/13/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Quarterly

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

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: 05/08/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013 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: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/30/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services Telephone: 916-255-2118

Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/20/2013 Date Data Arrived at EDR: 05/21/2013 Date Made Active in Reports: 06/12/2013

Number of Days to Update: 22

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/21/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 03/05/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 03/19/2013

Next Scheduled EDR Contact: 12/31/2012 Data Release Frequency: Varies

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: 04/01/2013 Date Data Arrived at EDR: 04/02/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 42

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 04/02/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 03/25/2013

Next Scheduled EDR Contact: 07/08/2013
Data Release Frequency: No Update Planned

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: 12/11/2012 Date Data Arrived at EDR: 12/12/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 12/24/2012 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/26/2013 Date Data Arrived at EDR: 04/29/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 17

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 04/26/2013

Next Scheduled EDR Contact: 08/12/2013

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.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 14

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 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: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 03/29/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Varies

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: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/03/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 03/19/2013

Next Scheduled EDR Contact: 07/01/2013 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: 03/06/2013 Date Data Arrived at EDR: 03/12/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 13

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/18/2013

Next Scheduled EDR Contact: 07/29/2013 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: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/15/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 31

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 04/16/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/25/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 27

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/29/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 02/19/2013 Date Data Arrived at EDR: 02/20/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 28

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 06/01/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 28

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 05/03/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/17/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 69

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 04/04/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Quarterly

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: 01/23/2013 Date Data Arrived at EDR: 01/30/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/30/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Annually

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: 12/31/2012 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Source: N/A

Telephone: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 30

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 30

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 04/04/2013

Number of Days to Update: 21

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/17/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 27

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 04/26/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Varies

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/16/2013 Date Data Arrived at EDR: 04/17/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 29

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/04/2013 Date Data Arrived at EDR: 01/14/2013 Date Made Active in Reports: 03/01/2013

Number of Days to Update: 46

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 06/13/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 04/09/2013 Date Data Arrived at EDR: 04/10/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 34

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 01/09/2013

Date Data Arrived at EDR: 01/10/2013 Date Made Active in Reports: 02/25/2013

Number of Days to Update: 46

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 02/27/2013 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 25

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 05/06/2013

Next Scheduled EDR Contact: 08/19/2013 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: 03/31/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 30

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/15/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 06/11/2012

Number of Days to Update: 40

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 04/29/2013

Next Scheduled EDR Contact: 08/12/2013

Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/26/2012 Date Data Arrived at EDR: 06/27/2012 Date Made Active in Reports: 08/17/2012

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

KERN COUNTY:

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

> Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/13/2013 Date Made Active in Reports: 03/21/2013

Number of Days to Update: 36

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013 Date Data Arrived at EDR: 01/25/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 33

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 08/05/2013 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 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 12/28/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 28

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/24/2013 Date Data Arrived at EDR: 04/24/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 23

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 04/24/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/30/2013 Date Data Arrived at EDR: 02/21/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 32

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 04/29/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 18

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 08/05/2013 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: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 04/26/2013

Next Scheduled EDR Contact: 08/12/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 31

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 04/15/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 31

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 54

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 02/25/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 27

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 02/25/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/08/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 17

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/14/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 12

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

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

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 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: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 03/08/2013 Date Data Arrived at EDR: 03/08/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 17

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 05/17/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2013 Date Data Arrived at EDR: 05/15/2013 Date Made Active in Reports: 06/12/2013

Number of Days to Update: 28

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 02/19/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 29

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 37

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013 Date Data Arrived at EDR: 03/13/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 14

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2013 Date Data Arrived at EDR: 04/24/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 23

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/25/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/23/2013 Date Data Arrived at EDR: 04/24/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 22

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/25/2013

Next Scheduled EDR Contact: 07/08/2013 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: 02/04/2013 Date Data Arrived at EDR: 04/11/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 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: 02/04/2013 Date Data Arrived at EDR: 04/12/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 34

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Quarterly

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: 03/04/2013 Date Data Arrived at EDR: 03/05/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 20

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 05/13/2013

Next Scheduled EDR Contact: 08/26/2013 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: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 04/26/2013

Next Scheduled EDR Contact: 08/12/2013

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: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

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

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013 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: 03/25/2013 Date Data Arrived at EDR: 03/25/2013 Date Made Active in Reports: 04/18/2013

Number of Days to Update: 24

8/2013 Last E

Last EDR Contact: 03/25/2013

Telephone: N/A

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Semi-Annually

Source: Environmental Health Department

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/26/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

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: 04/09/2013 Date Data Arrived at EDR: 04/10/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/13/2013

Next Scheduled EDR Contact: 09/30/2013 Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 03/18/2013 Date Data Arrived at EDR: 03/19/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/18/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/05/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 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: 03/04/2013 Date Data Arrived at EDR: 03/06/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 19

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 06/03/2013

Next Scheduled EDR Contact: 09/16/2013 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 34

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 05/13/2013

Next Scheduled EDR Contact: 08/26/2013 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 02/26/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 22

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/15/2013 Date Data Arrived at EDR: 03/15/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 12

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 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: 03/20/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 47

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/12/2013

Next Scheduled EDR Contact: 09/30/2013 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/20/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 46

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/12/2013

Next Scheduled EDR Contact: 09/30/2013 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 04/01/2013 Date Data Arrived at EDR: 04/03/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013

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: 04/02/2013 Date Data Arrived at EDR: 04/03/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 41

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/13/2013 Date Data Arrived at EDR: 03/14/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 13

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 06/10/2013

Next Scheduled EDR Contact: 09/23/2013 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 01/14/2013 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 42

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 05/15/2013

Next Scheduled EDR Contact: 07/29/2013 Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/08/2013

Next Scheduled EDR Contact: 07/22/2013 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Number of Days to Update: 37

Source: Environmental Health Division Telephone: 805-654-2813

Last EDR Contact: 02/18/2013

Next Scheduled EDR Contact: 06/03/2013 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: 01/28/2013 Date Data Arrived at EDR: 02/01/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 47

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 06/11/2013

Next Scheduled EDR Contact: 08/12/2013 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: 03/01/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 46

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/12/2013

Next Scheduled EDR Contact: 09/30/2013 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/25/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 45

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 03/25/2013

Next Scheduled EDR Contact: 07/08/2013 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 03/05/2013 Date Data Arrived at EDR: 03/06/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 19

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 08/19/2013

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: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/21/2013

Number of Days to Update: 31

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/21/2013

Next Scheduled EDR Contact: 09/02/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/19/2013

Next Scheduled EDR Contact: 07/29/2013 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: 02/01/2013 Date Data Arrived at EDR: 02/07/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 36

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/09/2013

Next Scheduled EDR Contact: 08/19/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/23/2013

Next Scheduled EDR Contact: 08/05/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/18/2013

Next Scheduled EDR Contact: 07/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VALIANO MT. WHITNEY ROAD AND CALICO LANE ESCONDIDO, CA 92029

TARGET PROPERTY COORDINATES

Latitude (North): 33.1168 - 33° 7' 0.48" Longitude (West): 117.1375 - 117° 8' 15.00"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 487172.0 UTM Y (Meters): 3664052.5

Elevation: 843 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 33117-A2 RANCHO SANTA FE, CA

Most Recent Revision: 1983

North Map: 33117-B2 SAN MARCOS, CA

Most Recent Revision: 1996

Northeast Map: 33117-B1 VALLEY CENTER, CA

Most Recent Revision: 2000

East Map: 33117-A1 ESCONDIDO, CA

Most Recent Revision: 1975

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.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

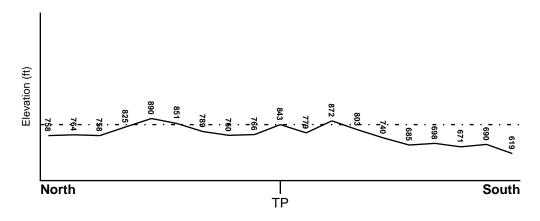
TOPOGRAPHIC INFORMATION

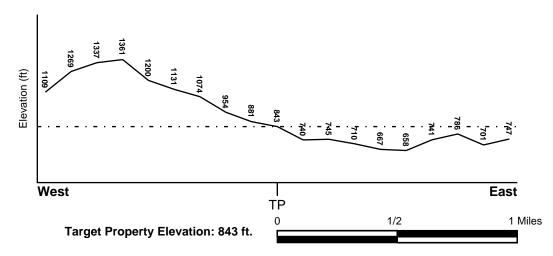
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





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.

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

FEMA Flood

Target Property County SAN DIEGO, CA

Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06073C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

RANCHO SANTA FE

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.

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 The state of the

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

GEOLOGIC AGE IDENTIFICATION

Era: Mesozoic Category: Plutonic and Intrusive Rocks

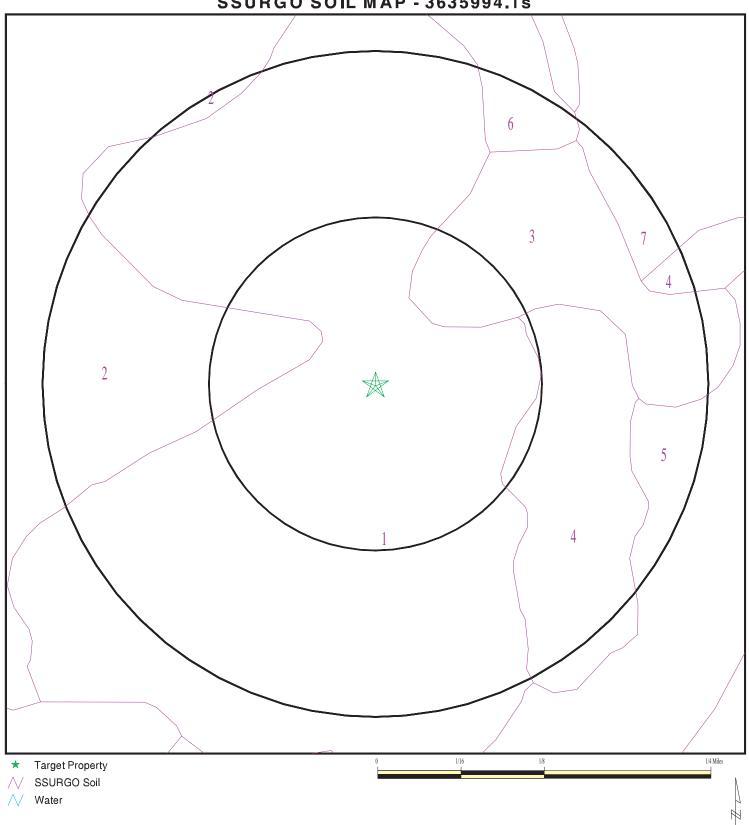
System: Cretaceous

Series: Cretaceous granitic rocks

Code: Kg (decoded above as Era, System & Series)

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 - 3635994.1s



SITE NAME: Valiano
ADDRESS: Mt. Whitney Road and Calico Lane
Escondido CA 92029
LAT/LONG: 33.1168 / 117.1375

CLIENT: Geocon Env. Consultants, Inc. CONTACT: Elizabeth Miller INQUIRY #: 3635994.1s

DATE: June 13, 2013 7:16 pm

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: CIENEBA

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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: CIENEBA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 5 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Воц	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: **FALLBROOK**

Soil Surface Texture: sandy loam

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

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	Information			
Bound		ındary		Classifica	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	7 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	11 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	40 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
5	40 inches	44 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Son Layer	Information			
	Вои	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	18 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	18 inches	35 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	35 inches	38 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: CIENEBA

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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	Information			
	Воц	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	9 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	9 inches	14 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: FALLBROOK

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information									
	Boundary Classification				Boundary		fication	Saturated hydraulic	
Layer	yer Upper Lo	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	5 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:		

Soil Layer Information							
	Bou	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
2	5 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	11 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	46 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
5	46 inches	51 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: VISALIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1
2	11 inches	40 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1
3	40 inches	59 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6.5 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	SEARCH DISTANCE (miles)
Federal USGS	1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

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

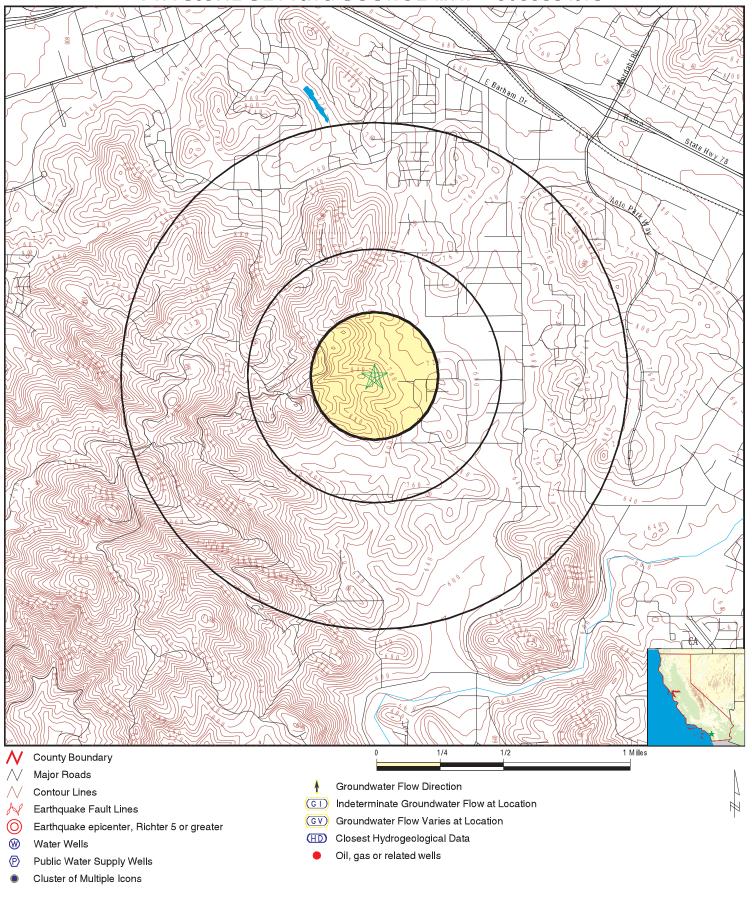
GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 3635994.1s



SITE NAME: Valiano

ADDRESS: Mt. Whitney Road and Calico Lane

Escondido CA 92029 LAT/LONG: 33.1168 / 117.1375 CLIENT: Geocon Env. Consultants, Inc. CONTACT: Elizabeth Miller

INQUIRY #: 3635994.1s

DATE: June 13, 2013 7:16 pm

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GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92029	5	1

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.677 pCi/L 0.400 pCi/L	100% 100%	0% 0%	0% 0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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 Health Services

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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Eden Hills

3240 Mt. Whitney Road Escondido, CA 92029

Inquiry Number: 3192892.5

October 26, 2011

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

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.

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with any questions or comments.

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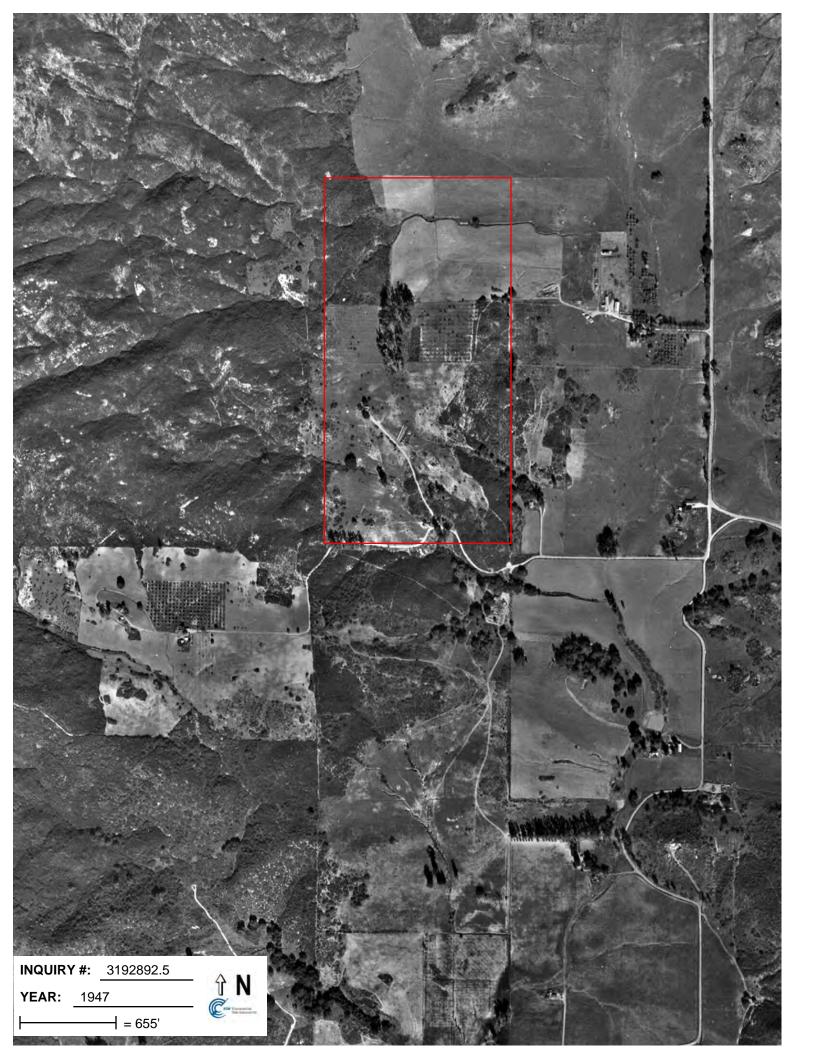
Date EDR Searched Historical Sources:

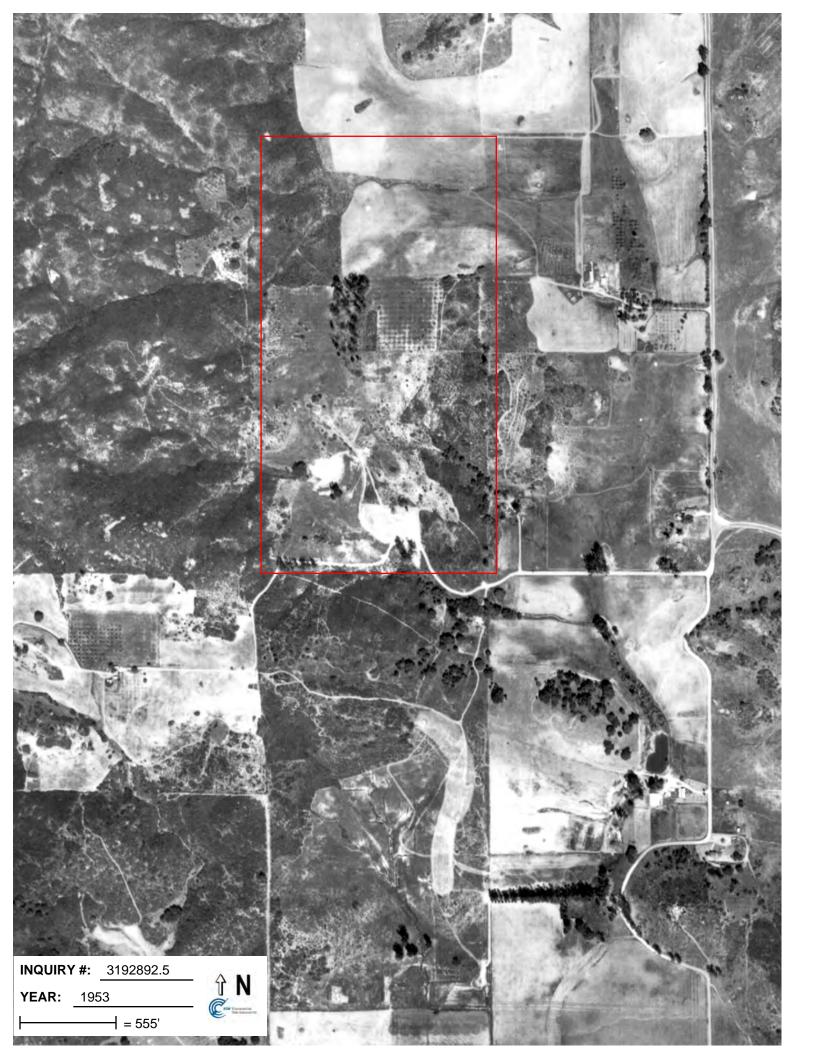
Aerial Photography October 26, 2011

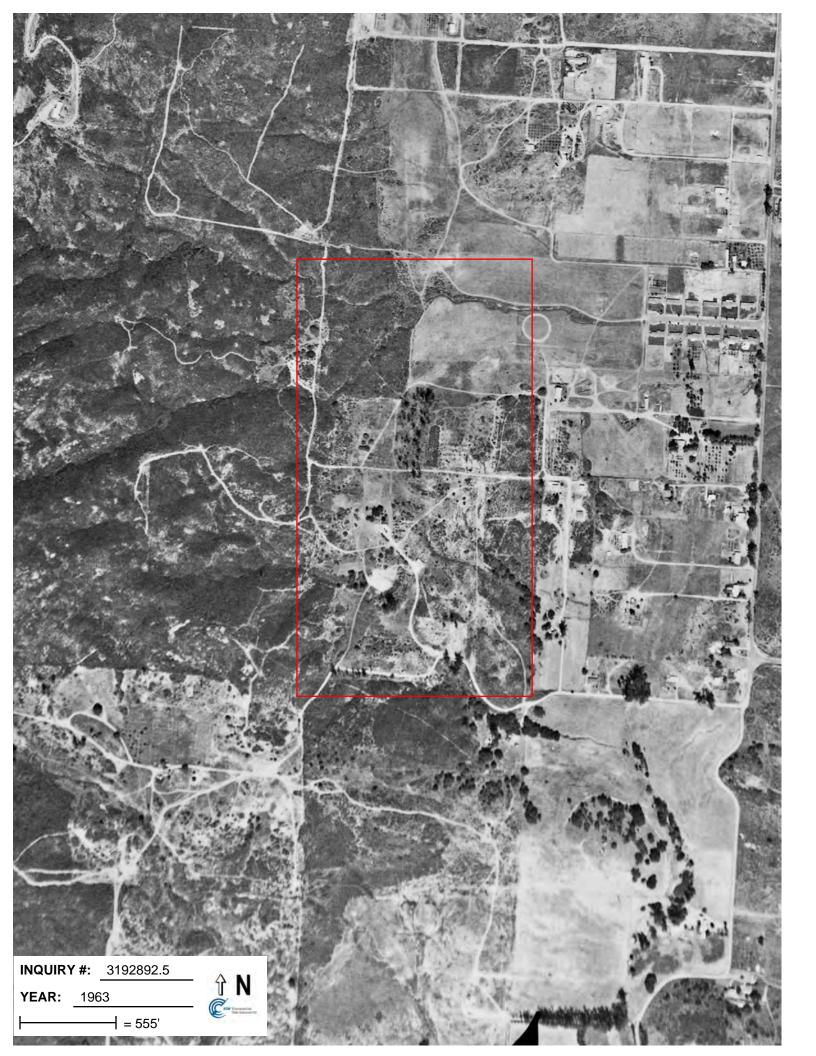
Target Property:

3240 Mt. Whitney Road Escondido, CA 92029

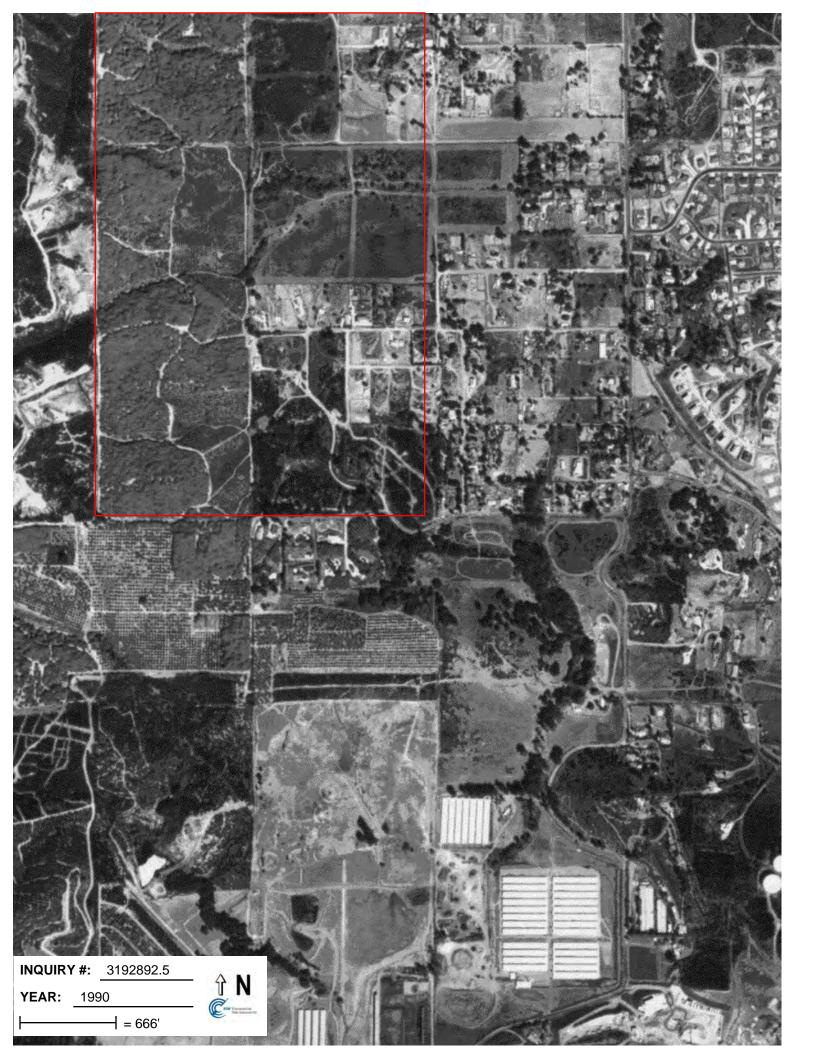
<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1947	Aerial Photograph. Scale: 1"=655'	Flight Year: 1947	Jack Ammann
1953	Aerial Photograph. Scale: 1"=555'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=555'	Flight Year: 1963	Cartwright
1974	Aerial Photograph. Scale: 1"=600'	Flight Year: 1974	AMI
1990	Aerial Photograph. Scale: 1"=666'	Flight Year: 1990	USGS
1995,1994	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1995,1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR

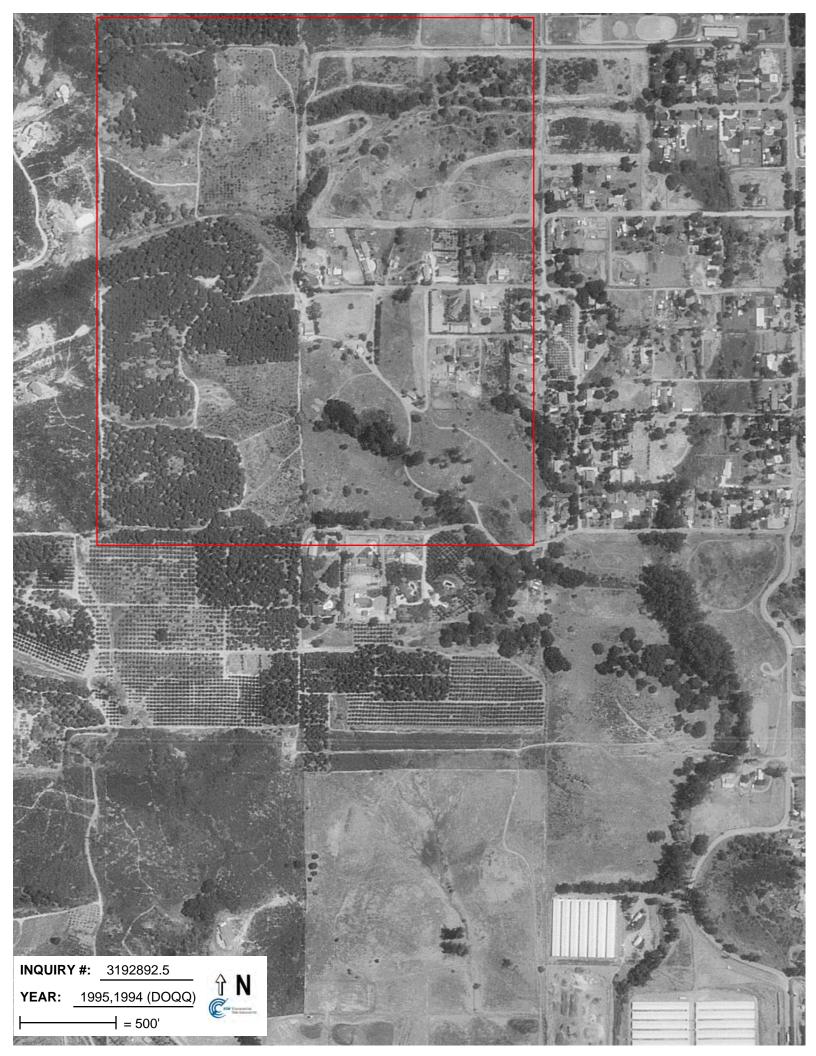


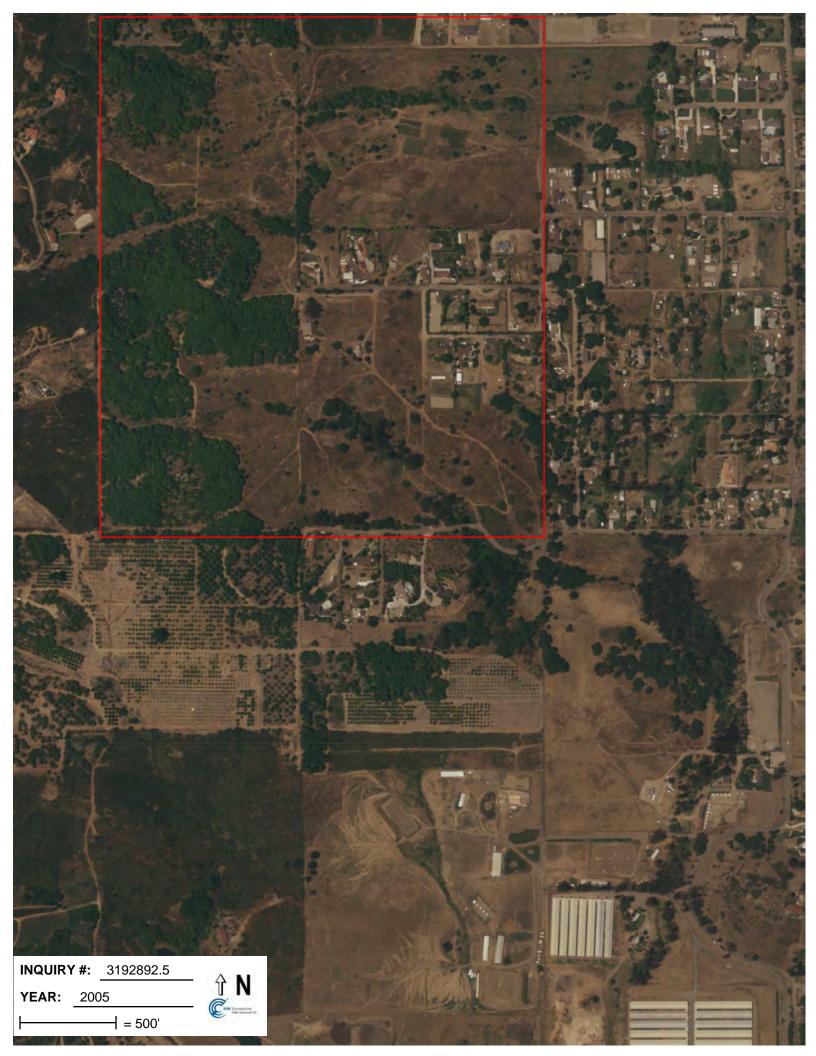












APPENDIX F

Eden Hills

3240 Mt. Whitney Road Escondido, CA 92029

Inquiry Number: 3192892.4

October 25, 2011

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

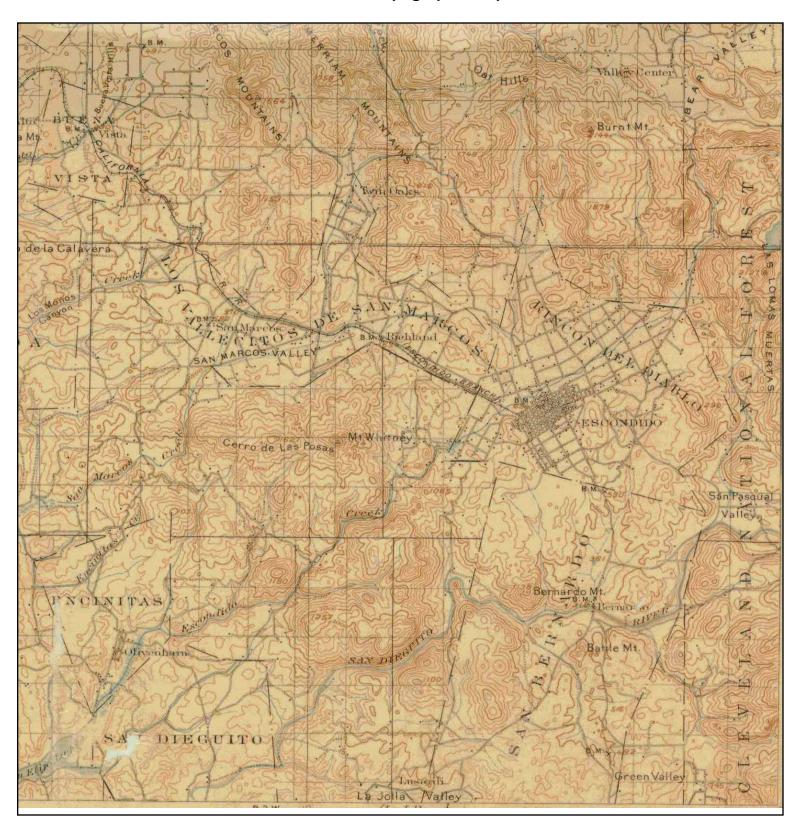
Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET QUAD

NAME: SAN LUIS REY

MAP YEAR: 1901

SERIES: 30

SCALE: 1:125000

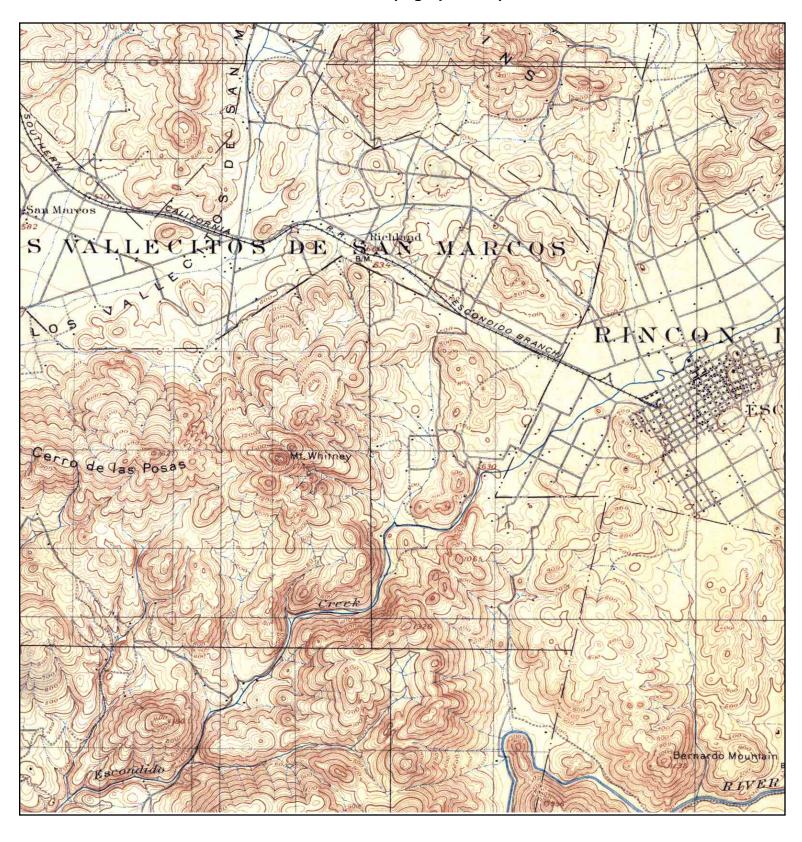
SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

NAME: ESCONDIDO

MAP YEAR: 1901

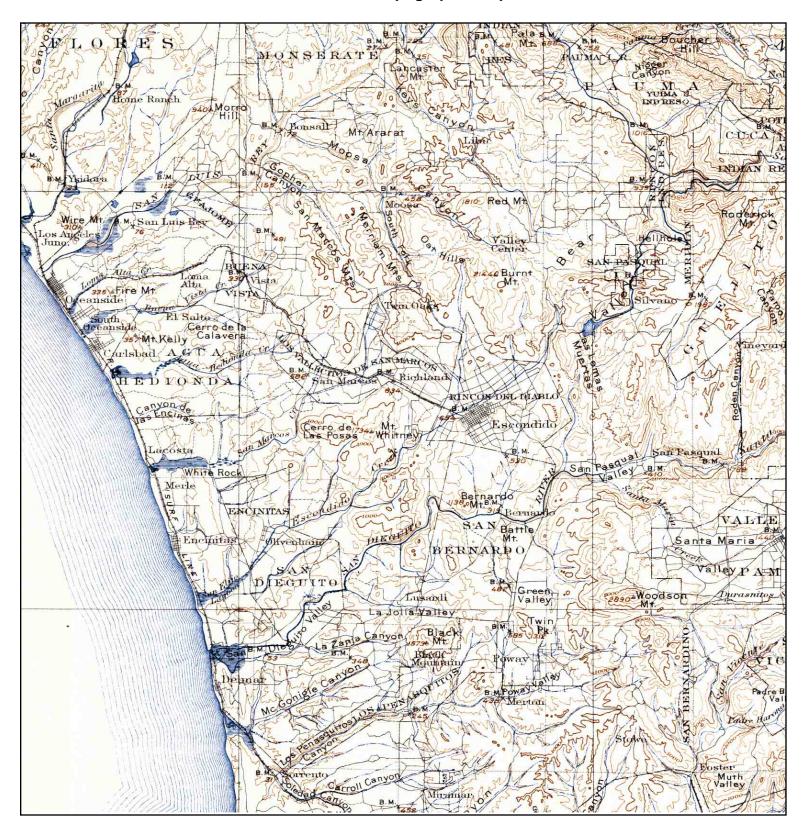
SERIES: 15 SCALE: 1:62500 SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

NAME: SOUTHERN CA SHEET 2

MAP YEAR: 1904

SERIES: 60

SCALE: 1:250000

SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

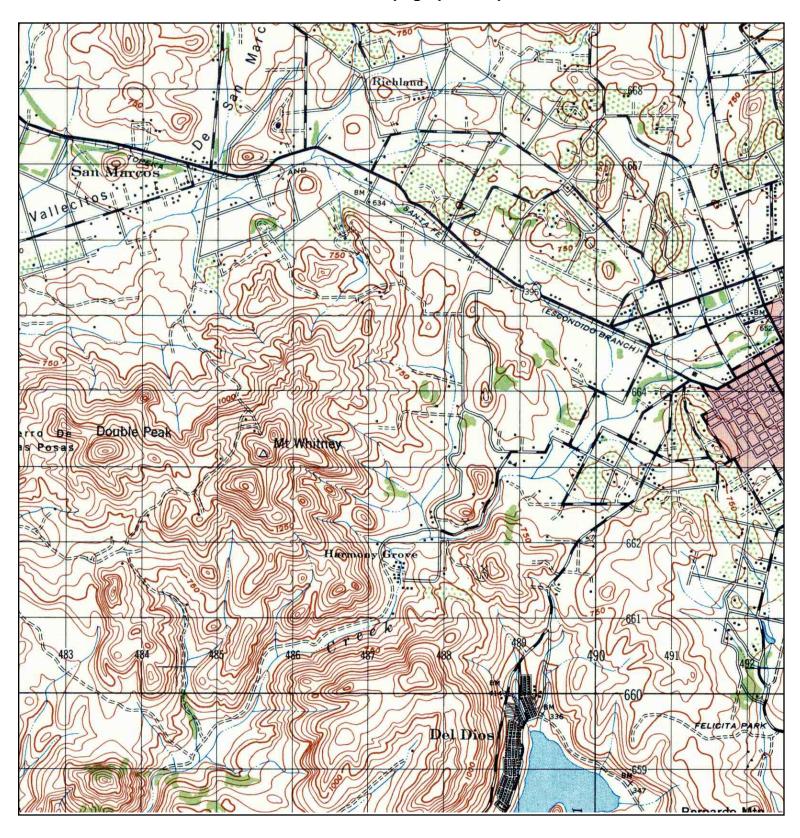
Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.

CONTACT: Elizabeth Hartung INQUIRY#: 3192892.4

RESEARCH DATE: 10/25/2011





TARGET QUAD

NAME: ESCONDIDO

MAP YEAR: 1947

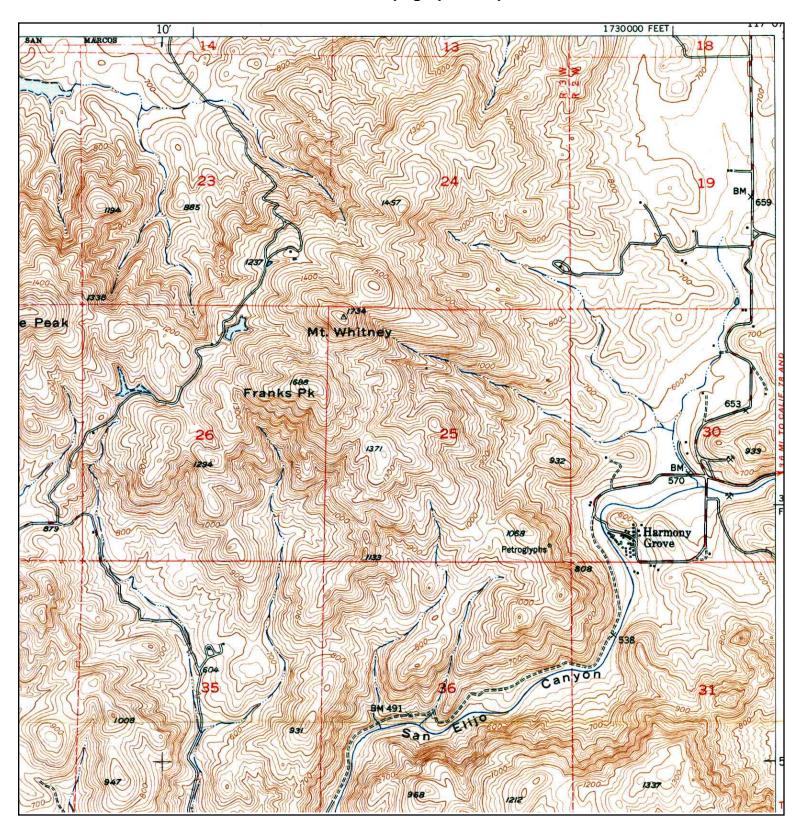
SERIES: 15 SCALE: 1:50000 SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

NAME: RANCHO SANTA FE

MAP YEAR: 1949

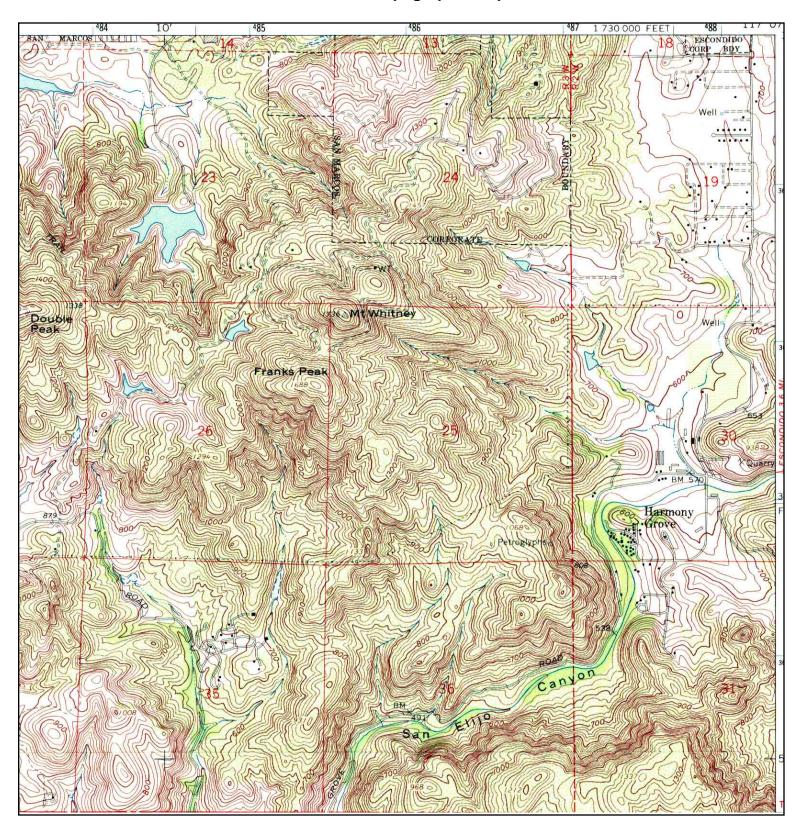
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ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

NAME: RANCHO SANTA FE

MAP YEAR: 1968

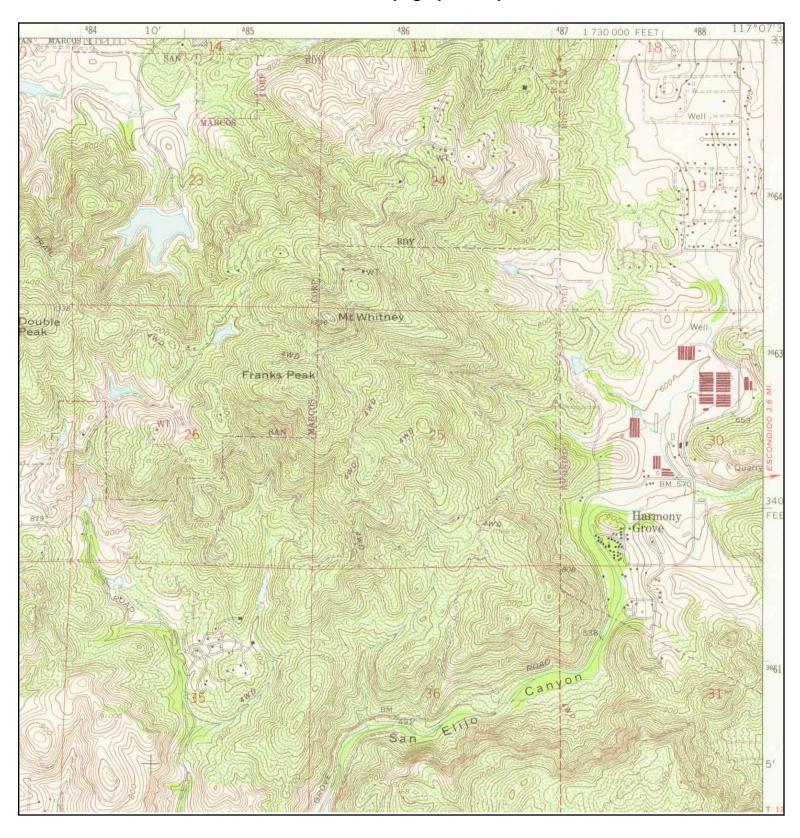
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

SCALE:

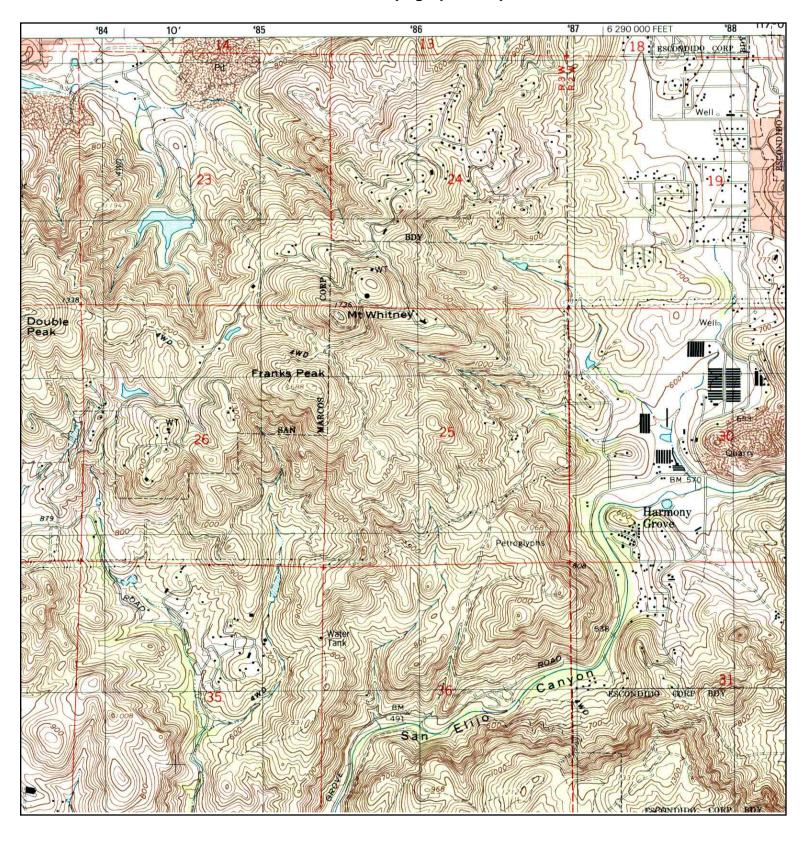
NAME: RANCHO SANTA FE

1:24000

MAP YEAR: 1983 PHOTOREVISED:1968 SERIES: 7.5 SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029 LAT/LONG: 33.113 / -117.1342 CLIENT: Geocon Env. Consultants, Inc.





TARGET QUAD

NAME: RANCHO SANTA FE

MAP YEAR: 1996

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eden Hills

ADDRESS: 3240 Mt. Whitney Road

Escondido, CA 92029

LAT/LONG: 33.113 / -117.1342

CLIENT: Geocon Env. Consultants, Inc.

Eden Hills 3240 Mt. Whitney Road Escondido, CA 92029

Inquiry Number: 3192892.6

October 25, 2011

The EDR-City Directory Abstract



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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1903 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
2006	Haines Company, Inc.	X	Χ	X	-
2000	Haines & Company	-	-	-	-
1995	PACIFIC BELL WHITE PAGES	=	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-
1989	Pacific Bell	-	-	-	-
1985	PACIFIC BELL WHITE PAGES	Χ	X	X	-
1984	R. L. Polk & Co.	-	-	-	-
1980	Pacific Telephone	Χ	X	X	-
1976	Luskey Brothers & Co., Inc.	-	-	-	-
1975	R. L. Polk & Co.	-	-	-	-
1971	Community Directory Co.	-	-	-	-
1970	John M. Ducy	-	-	-	-
1966	R. L. Polk & Co.	-	-	-	-
1965	Community Directory Co.	-	-	-	-
1962	Community Directory Co.	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	The Pacific Telephone Telegraph Co.	-	-	-	-
1956	R. L. Polk & Co.	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1952	R. L. Polk & Co. of California	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1948	San Diego Directory Co.	-	-	-	-
1945	San Diego Directory Co.	-	-	-	-
1943	San Diego Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
1940	San Diego Directory Co.	-	-	-	-
1938	San Diego Directory Co.	-	-	-	-
1933	San Diego Directory Co.	-	-	-	-
1927	San Diego Directory Co.	-	-	-	-
1921	San Diego Directory Co. Inc.	-	-	-	-
1907	San Diego Directory Co.	-	-	-	-
1903	San Diego Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3240 Mt. Whitney Road Escondido, CA 92029

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MOLANO C	Haines Company, Inc.
1985	IGLESIAS FRANCISCO	PACIFIC BELL WHITE PAGES
1980	Iglesias Francisco	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

MOUNT WHITNEY RD

3211 MOUNT WHITNEY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a GRIPPO Gregory	Haines Company, Inc.
1995	GREGORY	PACIFIC BELL WHITE PAGES
1985	ELLLOTT HOWARD L	PACIFIC BELL WHITE PAGES
1980	Elli ott Howard L	Pacific Telephone

3215 MOUNT WHITNEY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LOPEZ Michael	Haines Company, Inc.
1995	KOVACS A	PACIFIC BELL WHITE PAGES
1991	Nelson Paving Co	PACIFIC BELL WHITE PAGES
	Nelson Peggy	PACIFIC BELL WHITE PAGES

3221 MOUNT WHITNEY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a NGUYEN Khlem 00 e	Haines Company, Inc.

3223 MOUNT WHITNEY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MARTIN Chades	Haines Company, Inc.
1985	HEARD N E	PACIFIC BELL WHITE PAGES
1980	Telecommunications International Inc	Pacific Telephone
	Heard N E	Pacific Telephone

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FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
3240 Mt. Whitney Road	2000, 1995, 1992, 1991, 1989, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
3211 MOUNT WHITNEY RD	2000, 1992, 1991, 1989, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3215 MOUNT WHITNEY RD	2000, 1992, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3221 MOUNT WHITNEY RD	2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
3223 MOUNT WHITNEY RD	2000, 1995, 1992, 1991, 1989, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903





June 25, 2013

Elizabeth Miller Geocon Consultants, Inc. 6960 Flanders Drive San Diego, CA 92121

Tel: (858) 558-6100 Fax:(858) 558-8437 ELAP No.: 1838 NELAP No.: 02107CA CSDLAC No.: 10196 ORELAP No.: CA300003 TCEQ No.: T104704502

Re: ATL Work Order Number: 1301855

Client Reference: Valiano, 9524-06-04

Enclosed are the results for sample(s) received on June 21, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez

Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller
San Diego, CA 92121 Reported: 06/25/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B13 - 0.5	1301855-01	Soil	6/21/13 8:49	6/21/13 14:48
B14 - 0.5	1301855-03	Soil	6/21/13 9:09	6/21/13 14:48
B15 - 0.5	1301855-05	Soil	6/21/13 9:27	6/21/13 14:48
B16 - 0.5	1301855-07	Soil	6/21/13 9:58	6/21/13 14:48
B17 - 0.5	1301855-09	Soil	6/21/13 10:25	6/21/13 14:48
B18 - 0.5	1301855-11	Soil	6/21/13 10:58	6/21/13 14:48
B19 - 0.5	1301855-13	Soil	6/21/13 11:12	6/21/13 14:48
B20 - 0.5	1301855-15	Soil	6/21/13 11:40	6/21/13 14:48
B21 - 0.5	1301855-17	Soil	6/21/13 12:05	6/21/13 14:48
B22 - 0.5	1301855-19	Soil	6/21/13 12:16	6/21/13 14:48
B23 - 0.5	1301855-21	Soil	6/21/13 13:39	6/21/13 14:48
B24 - 0.5	1301855-23	Soil	6/21/13 13:56	6/21/13 14:48
B25 - 0.5	1301855-25	Soil	6/21/13 14:08	6/21/13 14:48
AST1 - 0.5	1301855-27	Soil	6/21/13 14:23	6/21/13 14:48
AST2 - 0.5	1301855-28	Soil	6/21/13 14:32	6/21/13 14:48



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID B13 - 0.5 Lab ID: 1301855-01

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:41	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 20:30	
Surrogate: Decachlorobiphenyl	90.8 %	32	- 113		B3F0484	06/24/2013	06/24/13 20:30	
Surrogate: Tetrachloro-m-xylene	80.2 %	32	- 101		B3F0484	06/24/2013	06/24/13 20:30	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID B14 - 0.5 Lab ID: 1301855-03

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Allalyte	(IIIg/Kg)	(mg/kg)	(mg/kg)	Dilution	Daten	Trepared	Anaryzed	notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:43	

Organochlorine Pesticides by EPA 8081

	Result	PQL	MDL				Date/Time	
Analyte	(ug/kg)	(ug/kg)	(ug/kg)	Dilution	Batch	Prepared	Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 20:43	
Surrogate: Decachlorobiphenyl	93.4 %	32	- 113	·	B3F0484	06/24/2013	06/24/13 20:43	
Surrogate: Tetrachloro-m-xylene	78.9 %	32	- 101		B3F0484	06/24/2013	06/24/13 20:43	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID B15 - 0.5 Lab ID: 1301855-05

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:44	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 20:56	
Surrogate: Decachlorobiphenyl	84.8 %	32	- 113		B3F0484	06/24/2013	06/24/13 20:56	
Surrogate: Tetrachloro-m-xylene	72.3 %	32	- 101		B3F0484	06/24/2013	06/24/13 20:56	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Reported: 00/23/2013

Client Sample ID B16 - 0.5 Lab ID: 1301855-07

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:46	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 21:09	
Surrogate: Decachlorobiphenyl	97.3 %	32	- 113		B3F0484	06/24/2013	06/24/13 21:09	
Surrogate: Tetrachloro-m-xylene	85.7 %	32	- 101		B3F0484	06/24/2013	06/24/13 21:09	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller
San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID B17 - 0.5 Lab ID: 1301855-09

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:48	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
4,4'-DDE	ND	2.0	NA NA	1	B3F0484	06/24/2013	06/24/13 21:23	
4,4'-DDT	ND	2.0	NA NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Aldrin	ND ND		NA NA	1	B3F0484	06/24/2013	06/24/13 21:23	
		1.0		-				
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 21:23	
Surrogate: Decachlorobiphenyl	90.2 %	32	- 113		B3F0484	06/24/2013	06/24/13 21:23	
Surrogate: Tetrachloro-m-xylene	82.5 %	32	- 101		B3F0484	06/24/2013	06/24/13 21:23	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID B18 - 0.5 Lab ID: 1301855-11

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:49	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
4,4'-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 21:36	
Surrogate: Decachlorobiphenyl	90.3 %	32	- 113		B3F0484	06/24/2013	06/24/13 21:36	
Surrogate: Tetrachloro-m-xylene	80.8 %	32	- 101		B3F0484	06/24/2013	06/24/13 21:36	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID B19 - 0.5 Lab ID: 1301855-13

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:51	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 21:49	
Surrogate: Decachlorobiphenyl	101 %	32	- 113		B3F0484	06/24/2013	06/24/13 21:49	
Surrogate: Tetrachloro-m-xylene	87.1 %	32	- 101		B3F0484	06/24/2013	06/24/13 21:49	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

> **Client Sample ID B20 - 0.5** Lab ID: 1301855-15

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:52	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 22:02	
Surrogate: Decachlorobiphenyl	90.3 %	32	- 113		B3F0484	06/24/2013	06/24/13 22:02	
Surrogate: Tetrachloro-m-xylene	71.3 %	32	- 101		B3F0484	06/24/2013	06/24/13 22:02	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID B21 - 0.5 Lab ID: 1301855-17

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL	D'1 - '	D / 1	D	Date/Time	N
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:54	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
4,4'-DDE	ND	2.0	NA NA	1	B3F0484	06/24/2013	06/24/13 22:15	
4,4'-DDT	ND ND	2.0	NA NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Aldrin	ND ND		NA NA	1	B3F0484	06/24/2013	06/24/13 22:15	
		1.0		-				
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
- Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 22:15	
Surrogate: Decachlorobiphenyl	91.2 %	32	- 113		B3F0484	06/24/2013	06/24/13 22:15	
Surrogate: Tetrachloro-m-xylene	78.8 %	32	- 101		B3F0484	06/24/2013	06/24/13 22:15	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121

Reported: 06/25/2013

Client Sample ID B22 - 0.5 Lab ID: 1301855-19

Total Metals by ICP-AES EPA 6010B

Analyst: CB

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 11:59	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
4,4´-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
4,4´-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 22:28	
Surrogate: Decachlorobiphenyl	92.8 %	32	- 113		B3F0484	06/24/2013	06/24/13 22:28	
Surrogate: Tetrachloro-m-xylene	85.4 %	32	- 101		B3F0484	06/24/2013	06/24/13 22:28	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID B23 - 0.5 Lab ID: 1301855-21

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 12:01	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
4,4'-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
4,4'-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 22:41	
Surrogate: Decachlorobiphenyl	90.0 %	32	- 113		B3F0484	06/24/2013	06/24/13 22:41	
Surrogate: Tetrachloro-m-xylene	82.4 %	32	- 101		B3F0484	06/24/2013	06/24/13 22:41	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID B24 - 0.5 Lab ID: 1301855-23

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3F0479	06/25/2013	06/25/13 12:02	

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
4,4'-DDE	ND	2.0	NA NA	1	B3F0484	06/24/2013	06/24/13 22:55	
4,4'-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Aldrin	ND	1.0	NA NA	1	B3F0484	06/24/2013	06/24/13 22:55	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 22:55	
Surrogate: Decachlorobiphenyl	93.6 %	32	- 113		B3F0484	06/24/2013	06/24/13 22:55	
Surrogate: Tetrachloro-m-xylene	82.4 %	32	- 101		B3F0484	06/24/2013	06/24/13 22:55	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID B25 - 0.5 Lab ID: 1301855-25

Total Metals by ICP-AES EPA 6010B

Analyst: CB

	Result	PQL	MDL				Date/Time	
Analyte	(mg/kg)	(mg/kg)	(mg/kg)	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	ND	2.0	NA	2	B3F0479	06/25/2013	06/25/13 12:39	D5

Organochlorine Pesticides by EPA 8081

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4′-DDD	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
4,4′-DDE	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
4,4′-DDT	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Aldrin	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
alpha-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
alpha-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
beta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Chlordane	ND	8.5	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
delta-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Dieldrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endosulfan I	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endosulfan II	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endosulfan sulfate	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endrin	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endrin aldehyde	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Endrin ketone	ND	2.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
gamma-BHC	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
gamma-Chlordane	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Heptachlor	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Heptachlor epoxide	ND	1.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Methoxychlor	ND	5.0	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Toxaphene	ND	50	NA	1	B3F0484	06/24/2013	06/24/13 23:08	
Surrogate: Decachlorobiphenyl	93.4 %	32	- 113		B3F0484	06/24/2013	06/24/13 23:08	
Surrogate: Tetrachloro-m-xylene	72.9 %	32	- 101		B3F0484	06/24/2013	06/24/13 23:08	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

> **Client Sample ID AST1 - 0.5** Lab ID: 1301855-27

Gasoline Range Organics by EPA 8015B

Gasoline Range Organics by El	PA 8015B							Analyst: VN
Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3F0480	06/24/2013	06/24/13 14:12	
Surrogate: 4-Bromofluorobenzene	99.7 %	54	! - 150		B3F0480	06/24/2013	06/24/13 14:12	

Diesel Range Organics by EPA 8015B

Diesel Range Organics by I	EPA 8015B							Analyst: CR
Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	17	10	NA	1	B3F0475	06/24/2013	06/24/13 13:25	
ORO	ND	10	NA	1	B3F0475	06/24/2013	06/24/13 13:25	
Surrogate: p-Terphenyl	97.6 %	55	- 153		B3F0475	06/24/2013	06/24/13 13:25	

Volatile Organic Compounds by EPA 8260

voiatile organic compounds	<i>5</i> , 2111 0200							Analyst. 11
Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1-Dichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,1-Dichloropropene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2-Dibromoethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2-Dichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,2-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,3-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
2,2-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
2-Chlorotoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Reported : 00/23/2013

Client Sample ID AST1 - 0.5 Lab ID: 1301855-27

Volatile Organic Compounds by EPA 8260

	Result	PQL	MDL				Date/Time	
Analyte	(ug/kg)	(ug/kg)	(ug/kg)	Dilution	Batch	Prepared	Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
4-Isopropyltoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Benzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Bromobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Bromodichloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Bromoform	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Bromomethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Carbon tetrachloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Chlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Chloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Chloroform	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Chloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Dibromochloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Dibromomethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Dichlorodifluoromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Ethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Hexachlorobutadiene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Isopropylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
m,p-Xylene	ND	10	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Methylene chloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
n-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
n-Propylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Naphthalene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
o-Xylene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
sec-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Styrene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
tert-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Tetrachloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Toluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Trichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Trichlorofluoromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Vinyl chloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 06:52	
Surrogate: 1,2-Dichloroethane-d4	97.3 %		- 130		B3F0489	06/25/2013	06/25/13 06:52	
Surrogate: 4-Bromofluorobenzene	78.5 %		- 130 - 130		B3F0489	06/25/2013	06/25/13 06:52	
Sair ogaic. + Bromojiaor ovenzene	, 0.0 , 0	70	130		DJ1 0-107	00/25/2015	00/25/15 00.52	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID AST1 - 0.5 Lab ID: 1301855-27

Volatile Organic Compounds by EPA 8260

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Dibromofluoromethane	80.0 %	70	- 130		B3F0489	06/25/2013	06/25/13 06:52	
Surrogate: Toluene-d8	80.6 %	70	- 130		B3F0489	06/25/2013	06/25/13 06:52	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

6960 Flanders Drive Report To: Elizabeth Miller San Diego, CA 92121 Reported: 06/25/2013

Client Sample ID AST2 - 0.5 Lab ID: 1301855-28

Gasoline Range Organics by EPA 8015B

Analyst: VN

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	NA	1	B3F0480	06/24/2013	06/24/13 14:33	
Surrogate: 4-Bromofluorobenzene	97.3 %	54	- 150		B3F0480	06/24/2013	06/24/13 14:33	

Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	1500	10	NA	1	B3F0475	06/24/2013	06/24/13 16:30	
ORO	1400	10	NA	1	B3F0475	06/24/2013	06/24/13 16:30	
Surrogate: p-Terphenyl	106 %	55	- 153		B3F0475	06/24/2013	06/24/13 16:30	_

Volatile Organic Compounds by EPA 8260

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1,1-Trichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1,2,2-Tetrachloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1,2-Trichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1-Dichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,1-Dichloropropene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2,3-Trichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2,3-Trichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2,4-Trichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2,4-Trimethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2-Dibromo-3-chloropropane	ND	10	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2-Dibromoethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2-Dichloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,2-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,3,5-Trimethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,3-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,3-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
1,4-Dichlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
2,2-Dichloropropane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
2-Chlorotoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Client Sample ID AST2 - 0.5 Lab ID: 1301855-28

Volatile Organic Compounds by EPA 8260

	Result	PQL	MDL				Date/Time	
Analyte	(ug/kg)	(ug/kg)	(ug/kg)	Dilution	Batch	Prepared	Analyzed	Notes
4-Chlorotoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
4-Isopropyltoluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Benzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Bromobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Bromodichloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Bromoform	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Bromomethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Carbon tetrachloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Chlorobenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Chloroethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Chloroform	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Chloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
cis-1,2-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
cis-1,3-Dichloropropene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Dibromochloromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Dibromomethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Dichlorodifluoromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Ethylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Hexachlorobutadiene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Isopropylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
m,p-Xylene	ND	10	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Methylene chloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
n-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
n-Propylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Naphthalene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
o-Xylene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
sec-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Styrene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
tert-Butylbenzene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Tetrachloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Toluene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
trans-1,2-Dichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Trichloroethene	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Trichlorofluoromethane	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Vinyl chloride	ND	5.0	NA	1	B3F0489	06/25/2013	06/25/13 07:10	
Surrogate: 1,2-Dichloroethane-d4	101 %	70	- 130		B3F0489	06/25/2013	06/25/13 07:10	
Surrogate: 4-Bromofluorobenzene	74.5 %	70	- 130		B3F0489	06/25/2013	06/25/13 07:10	



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego, CA 92121 Reported: 06/25/2013

> **Client Sample ID AST2 - 0.5** Lab ID: 1301855-28

Volatile Organic Compounds by EPA 8260

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: Dibromofluoromethane	83.9 %	70	- 130		B3F0489	06/25/2013	06/25/13 07:10	
Surrogate: Toluene-d8	80.5 %	70	- 130		B3F0489	06/25/2013	06/25/13 07:10	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

Report To: Elizabeth Miller 6960 Flanders Drive

Reported: 06/25/2013 San Diego, CA 92121

QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(mg/kg)	(mg/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0479 - EPA 3050B									
Blank (B3F0479-BLK1)				Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	ND	1.0			NR				
LCS (B3F0479-BS1)				Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	48.7357	1.0	50.0000		97.5	80 - 120			
Matrix Spike (B3F0479-MS1)		Source: 13018	08-01	Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	110.010	1.0	125.000	ND	88.0	55 - 102			
Matrix Spike (B3F0479-MS2)		Source: 13018	08-01RE1	Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	117.502	10	125.000	ND	94.0	55 - 102			
Matrix Spike Dup (B3F0479-MSD1)		Source: 13018	08-01	Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	110.775	1.0	125.000	ND	88.6	55 - 102	0.693	20	
Matrix Spike Dup (B3F0479-MSD2)		Source: 13018	08-01RE1	Prepared:	: 6/25/2013 A	nalyzed: 6/25/2	2013		
Arsenic	111.006	10	125.000	ND	88.8	55 - 102	5.69	20	



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

Report To: Elizabeth Miller 6960 Flanders Drive

San Diego, CA 92121 Reported: 06/25/2013

Gasoline Range Organics by EPA 8015B - Quality Control

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(mg/kg)	(mg/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0480 - GCVOAS									
Blank (B3F0480-BLK1)				Prepared	1: 6/24/2013	Analyzed: 6/24/	2013		
Gasoline Range Organics	ND	1.0			NR				
Surrogate: 4-Bromofluorobenzene	0.09432		0.100000		94.3	54 - 150			
LCS (B3F0480-BS1)				Prepared	1: 6/24/2013	Analyzed: 6/24/	2013		
Gasoline Range Organics	5.14700	1.0	5.00000		103	70 - 130			
Surrogate: 4-Bromofluorobenzene	0.1059		0.100000		106	54 - 150			
LCS Dup (B3F0480-BSD1)				Prepared	1: 6/24/2013	Analyzed: 6/24/	2013		
Gasoline Range Organics	5.12500	1.0	5.00000		102	70 - 130	0.428	20	
Surrogate: 4-Bromofluorobenzene	0.1069		0.100000		107	54 - 150		·	
Matrix Spike (B3F0480-MS1)		Source: 1301	1855-28	Prepared	1: 6/24/2013	Analyzed: 6/24/	2013		
Gasoline Range Organics	3.63600	1.0	5.00000	ND	72.7	42 - 125			
Surrogate: 4-Bromofluorobenzene	0.1043		0.100000		104	54 - 150			
Matrix Spike Dup (B3F0480-MSD1)		Source: 1301	1855-28	Prepared	1: 6/24/2013	Analyzed: 6/24/	2013		
Gasoline Range Organics	3.63600	1.0	5.00000	ND	72.7	42 - 125	0.00	20	
Surrogate: 4-Bromofluorobenzene	0.09831		0.100000		98.3	54 - 150			



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

Report To: Elizabeth Miller 6960 Flanders Drive

San Diego, CA 92121 Reported: 06/25/2013

Diesel Range Organics by EPA 8015B - Quality Control

	Result	PQL	Spike	Source		% Rec	•	RPD	
Analyte	(mg/kg)	(mg/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0475 - GCSEMI_DRO									
Blank (B3F0475-BLK1)				Prepared	1: 6/24/2013	Analyzed: 6/24	/2013		
DRO	ND	10			NR				
ORO	ND	10			NR				
Surrogate: p-Terphenyl	90.38		80.0000	•	113	55 - 153	•	•	•
LCS (B3F0475-BS1)				Prepared	1: 6/24/2013	Analyzed: 6/24	/2013		
DRO	1188.67	10	1000.00		119	65 - 151			
Surrogate: p-Terphenyl	75.73		80.0000		94.7	55 - 153			
Matrix Spike (B3F0475-MS1)		Source: 1301	854-01	Prepared	1: 6/24/2013	Analyzed: 6/24	/2013		
DRO	1287.72	10	1000.00	43.6200	124	45 - 168			
Surrogate: p-Terphenyl	81.12		80.0000	_	101	55 - 153			
Matrix Spike Dup (B3F0475-MSD1)		Source: 1301	854-01	Prepared	1: 6/24/2013	Analyzed: 6/24	/2013		
DRO	1220.94	10	1000.00	43.6200	118	45 - 168	5.32	20	
Surrogate: p-Terphenyl	79.40		80.0000		99.2	55 - 153			



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Organochlorine Pesticides by EPA 8081 - Quality Control

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes

Batch B3F0484 - GCSEMI_PCB/PEST			
Blank (B3F0484-BLK1)			Prepared: 6/24/2013 Analyzed: 6/24/2013
4,4´-DDD	ND	2.0	NR
4,4'-DDD [2C]	ND	2.0	NR
4,4'-DDE	ND	2.0	NR
4,4'-DDE [2C]	ND	2.0	NR
4,4´-DDT	ND	2.0	NR
4,4'-DDT [2C]	ND	2.0	NR
Aldrin	ND	1.0	NR
Aldrin [2C]	ND	1.0	NR
alpha-BHC	ND	1.0	NR
alpha-BHC [2C]	ND	1.0	NR
alpha-Chlordane	ND	1.0	NR
alpha-Chlordane [2C]	ND	1.0	NR
beta-BHC	ND	1.0	NR
beta-BHC [2C]	ND	1.0	NR
Chlordane	ND	8.5	NR
Chlordane [2C]	ND	8.5	NR
delta-BHC	ND	1.0	NR
delta-BHC [2C]	ND	1.0	NR
Dieldrin	ND	2.0	NR
Dieldrin [2C]	ND	2.0	NR
Endosulfan I	ND	1.0	NR
Endosulfan I [2C]	ND	1.0	NR
Endosulfan II	ND	2.0	NR
Endosulfan II [2C]	ND	2.0	NR
Endosulfan sulfate	ND	2.0	NR
Endosulfan Sulfate [2C]	ND	2.0	NR
Endrin	ND	2.0	NR
Endrin [2C]	ND	2.0	NR
Endrin aldehyde	ND	2.0	NR
Endrin aldehyde [2C]	ND	2.0	NR
Endrin ketone	ND	2.0	NR
Endrin ketone [2C]	ND	2.0	NR
gamma-BHC	ND	1.0	NR
gamma-BHC [2C]	ND	1.0	NR
gamma-Chlordane	ND	1.0	NR
gamma-Chlordane [2C]	ND	1.0	NR
Heptachlor	ND	1.0	NR
Heptachlor [2C]	ND	1.0	NR
Heptachlor epoxide	ND	1.0	NR
Heptachlor epoxide [2C]	ND	1.0	NR
Methoxychlor	ND	5.0	NR



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
satch B3F0484 - GCSEMI_PCB/PEST	Γ (continued)								
Blank (B3F0484-BLK1) - Continued	(0000000000)			Prepared	d: 6/24/2013 A	Analyzed: 6/24	/2013		
Methoxychlor [2C]	ND	5.0		•	NR	•			
Toxaphene	ND	50			NR				
Toxaphene [2C]	ND	50			NR				
Surrogate: Decachlorobiphenyl	12.32		16.6667		73.9	32 - 113			
Surrogate: Decachlorobiphenyl [2C]	12.26		16.6667		73.6	32 - 113			
Surrogate: Tetrachloro-m-xylene	11.96		16.6667		71.8	32 - 101			
Surrogate: Tetrachloro-m-xylene [2C]	11.65		16.6667		69.9	32 - 101			
LCS (B3F0484-BS1)				Prepared	d: 6/24/2013 .	Analyzed: 6/24	/2013		
4,4′-DDT	12.4052	2.0	16.6667	1	74.4	60 - 108			
4,4′-DDT [2C]	12.4032	2.0	16.6667		73.4	60 - 108			
Aldrin	12.2303	1.0	16.6667		78.0	57 - 111			
Aldrin [2C]	12.2092	1.0	16.6667		73.3	57 - 111			
Dieldrin	12.3267	2.0	16.6667		74.0	61 - 106			
Dieldrin [2C]	11.9088	2.0	16.6667		71.5	61 - 106			
Endrin	11.9305	2.0	16.6667		71.6	57 - 97			
Endrin [2C]	12.0178	2.0	16.6667		72.1	57 - 97			
gamma-BHC	13.4875	1.0	16.6667		80.9	61 - 109			
gamma-BHC [2C]	12.6747	1.0	16.6667		76.0	61 - 109			
Heptachlor	11.9675	1.0	16.6667		71.8	58 - 115			
Heptachlor [2C]	12.1267	1.0	16.6667		72.8	58 - 115			
Surrogate: Decachlorobiphenyl	14.34		16.6667		86.0	32 - 113			
Surrogate: Decachlorobiphenyl [2C]	14.06		16.6667		84.4	32 - 113			
Surrogate: Tetrachloro-m-xylene	12.93		16.6667		77.6	32 - 101			
Surrogate: Tetrachloro-m-xylene [2C]	12.35		16.6667		74.1	32 - 101			
Matrix Spike (B3F0484-MS1)		Source: 1301	855-01	Prepared	d: 6/24/2013 .	Analyzed: 6/24	/2013		
4,4′-DDT	16.5953	2.0	16.6667	ND	99.6	26 - 133			
4,4´-DDT [2C]	16.4263	2.0	16.6667	ND	98.6	26 - 133			
Aldrin	16.2295	1.0	16.6667	ND	97.4	38 - 119			
Aldrin [2C]	14.8805	1.0	16.6667	ND	89.3	38 - 119			
Dieldrin	15.4093	2.0	16.6667	ND	92.5	30 - 120			
Dieldrin [2C]	14.8778	2.0	16.6667	ND	89.3	30 - 120			
Endrin	15.8580	2.0	16.6667	ND	95.1	30 - 114			
Endrin [2C]	15.8485	2.0	16.6667	ND	95.1	30 - 114			
gamma-BHC	16.5457	1.0	16.6667	ND	99.3	31 - 122			
gamma-BHC [2C]	15.7277	1.0	16.6667	ND	94.4	31 - 122			
Heptachlor	15.1743	1.0	16.6667	ND	91.0	38 - 123			
Heptachlor [2C]	15.5963	1.0	16.6667	ND	93.6	38 - 123			
Surrogate: Decachlorobiphenyl	16.60		16.6667		99.6	32 - 113			
Surrogate: Decachlorobiphenyl [2C]	16.28		16.6667		97.7	32 - 113			



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes

Batch B3F0484 - GCSEMI PCB/PEST (continued)

Datcii D3FU404 - GCSEWII_FCD/FESI	(continued)								
Matrix Spike (B3F0484-MS1) - Continued		Source: 130	01855-01	Prepared	d: 6/24/2013	Analyzed: 6/24	/2013		
Surrogate: Tetrachloro-m-xylene	14.18		16.6667		85.1	32 - 101			
Surrogate: Tetrachloro-m-xylene [2C]	13.79		16.6667		82.7	32 - 101			
Matrix Spike Dup (B3F0484-MSD1)		Source: 130	01855-01	Prepare	d: 6/24/2013	Analyzed: 6/24	/2013		
4,4′-DDT	15.7658	2.0	16.6667	ND	94.6	26 - 133	5.13	20	
4,4'-DDT [2C]	15.7182	2.0	16.6667	ND	94.3	26 - 133	4.41	20	
Aldrin	15.8860	1.0	16.6667	ND	95.3	38 - 119	2.14	20	
Aldrin [2C]	14.6473	1.0	16.6667	ND	87.9	38 - 119	1.58	20	
Dieldrin	14.8865	2.0	16.6667	ND	89.3	30 - 120	3.45	20	
Dieldrin [2C]	14.4685	2.0	16.6667	ND	86.8	30 - 120	2.79	20	
Endrin	15.1533	2.0	16.6667	ND	90.9	30 - 114	4.54	20	
Endrin [2C]	15.2475	2.0	16.6667	ND	91.5	30 - 114	3.87	20	
gamma-BHC	16.2942	1.0	16.6667	ND	97.8	31 - 122	1.53	20	
gamma-BHC [2C]	15.5787	1.0	16.6667	ND	93.5	31 - 122	0.952	20	
Heptachlor	15.0480	1.0	16.6667	ND	90.3	38 - 123	0.836	20	
Heptachlor [2C]	15.5268	1.0	16.6667	ND	93.2	38 - 123	0.447	20	
Surrogate: Decachlorobiphenyl	15.46		16.6667	·	92.8	32 - 113			
Surrogate: Decachlorobiphenyl [2C]	15.50		16.6667		93.0	32 - 113			
Surrogate: Tetrachloro-m-xylene	13.88		16.6667		83.3	32 - 101			
Surrogate: Tetrachloro-m-xylene [2C]	13.62		16.6667		81.7	32 - 101			



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Volatile Organic Compounds by EPA 8260 - Quality Control

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0489 - MSVOAS									
Blank (B3F0489-BLK1)				Prepared	d: 6/25/2013 A	Analyzed: 6/25	/2013		
1,1,1,2-Tetrachloroethane	ND	5.0			NR				
1,1,1-Trichloroethane	ND	5.0			NR				
1,1,2,2-Tetrachloroethane	ND	5.0			NR				
1,1,2-Trichloroethane	ND	5.0			NR				
1,1-Dichloroethane	ND	5.0			NR				
1,1-Dichloroethene	ND	5.0			NR				
1,1-Dichloropropene	ND	5.0			NR				
1,2,3-Trichloropropane	ND	5.0			NR				
1,2,3-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trichlorobenzene	ND	5.0			NR				
1,2,4-Trimethylbenzene	ND	5.0			NR				
1,2-Dibromo-3-chloropropane	ND	10			NR				
1,2-Dibromoethane	ND	5.0			NR				
1,2-Dichlorobenzene	ND	5.0			NR				
1,2-Dichloroethane	ND	5.0			NR				
1,2-Dichloropropane	ND	5.0			NR				
1,3,5-Trimethylbenzene	ND	5.0			NR				
1,3-Dichlorobenzene	ND	5.0			NR				
1,3-Dichloropropane	ND	5.0			NR				
1,4-Dichlorobenzene	ND	5.0			NR				
2,2-Dichloropropane	ND	5.0			NR				
2-Chlorotoluene	ND	5.0			NR				
4-Chlorotoluene	ND	5.0			NR				
4-Isopropyltoluene	ND	5.0			NR				
Benzene	ND	5.0			NR				
Bromobenzene	ND	5.0			NR				
Bromodichloromethane	ND	5.0			NR				
Bromoform	ND	5.0			NR				
Bromomethane	ND	5.0			NR				
Carbon tetrachloride	ND	5.0			NR				
Chlorobenzene	ND	5.0			NR				
Chloroethane	ND	5.0			NR				
Chloroform	ND	5.0			NR				
Chloromethane	ND	5.0			NR				
cis-1,2-Dichloroethene	ND	5.0			NR				
cis-1,3-Dichloropropene	ND	5.0			NR				
Dibromochloromethane	ND	5.0			NR				
Dibromomethane	ND	5.0			NR				
Dichlorodifluoromethane	ND	5.0			NR				
Ethylbenzene	ND	5.0			NR				
Hexachlorobutadiene	ND	5.0			NR				



Project Number: Valiano, 9524-06-04 Geocon Consultants, Inc.

PQL

6960 Flanders Drive Report To: Elizabeth Miller

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Result

Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

Spike

Source

	Result	1 QL	Брікс	Source		/ U ICCC		KI D	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0489 - MSVOAS (continued)									
Blank (B3F0489-BLK1) - Continued				Prepare	d: 6/25/2013	Analyzed: 6/25	/2013		
Isopropylbenzene	ND	5.0			NR				
m,p-Xylene	ND	10			NR				
Methylene chloride	ND	5.0			NR				
n-Butylbenzene	ND	5.0			NR				
n-Propylbenzene	ND	5.0			NR				
Naphthalene	ND	5.0			NR				
o-Xylene	ND	5.0			NR				
sec-Butylbenzene	ND	5.0			NR				
Styrene	ND	5.0			NR				
tert-Butylbenzene	ND	5.0			NR				
Tetrachloroethene	ND	5.0			NR				
Toluene	ND	5.0			NR				
trans-1,2-Dichloroethene	ND	5.0			NR				
Trichloroethene	ND	5.0			NR				
Trichlorofluoromethane	ND	5.0			NR				
Vinyl chloride	ND	5.0			NR				
Surrogate: 1,2-Dichloroethane-d4	45.08		50.0000		90.2	70 - 130			
Surrogate: 4-Bromofluorobenzene	41.54		50.0000		83.1	70 - 130			
Surrogate: Dibromofluoromethane	39.46		50.0000		78.9	70 - 130			
Surrogate: Toluene-d8	40.99		50.0000		82.0	70 - 130			
LCS (B3F0489-BS1)				Prepare	d: 6/24/2013	Analyzed: 6/24	/2013		
1,1-Dichloroethene	40.5000	5.0	50.0000		81.0	70 - 130			
Benzene	90.5400	5.0	100.000		90.5	70 - 130			
Chlorobenzene	45.6600	5.0	50.0000		91.3	70 - 130			
MTBE	48.3100	5.0	50.0000		96.6	70 - 130			
Toluene	90.8600	5.0	100.000		90.9	70 - 130			
Trichloroethene	43.7300	5.0	50.0000		87.5	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	42.23		50.0000		84.5	70 - 130			
Surrogate: 4-Bromofluorobenzene	42.29		50.0000		84.6	70 - 130			
Surrogate: Dibromofluoromethane	38.05		50.0000		76.1	70 - 130			
Surrogate: Toluene-d8	41.20		50.0000		82.4	70 - 130			
Duplicate (B3F0489-DUP1)		Source: 1301	1813-03RE1	Prepare	d: 6/25/2013	Analyzed: 6/25	/2013		
1,1-Dichloroethene	ND	5.0		ND	NR			20	
Benzene	ND	5.0		ND	NR			20	
Chlorobenzene	ND	5.0		ND	NR			20	
MTBE	ND	5.0		ND	NR			20	
Toluene	ND	5.0		ND	NR			20	
Trichloroethene	ND	5.0		ND	NR			20	
		2.0	50,0000	.10		70 120			
Surrogate: 1,2-Dichloroethane-d4	47.21		50.0000		94.4	70 - 130			

RPD

% Rec



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

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Volatile Organic Compounds by EPA 8260 - Quality Control (cont'd)

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(ug/kg)	(ug/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Datah D2E0490 MSVOAS (continued)									
Batch B3F0489 - MSVOAS (continued)									
Duplicate (B3F0489-DUP1) - Continued		Source: 1301	813-03RE1	Prepare	d: 6/25/2013	Analyzed: 6/25	/2013		
Surrogate: 4-Bromofluorobenzene	39.98		50.0000		80.0	70 - 130			
Surrogate: Dibromofluoromethane	40.33		50.0000		80.7	70 - 130			
Surrogate: Toluene-d8	40.68		50.0000		81.4	70 - 130			
Matrix Spike (B3F0489-MS1)		Source: 1301	855-27	Prepare	d: 6/24/2013	Analyzed: 6/24	/2013		
1,1-Dichloroethene	41.2700	5.0	50.0000	ND	82.5	70 - 130			
Benzene	83.8500	5.0	100.000	ND	83.8	70 - 130			
Chlorobenzene	38.4300	5.0	50.0000	ND	76.9	70 - 130			
MTBE	46.9700	5.0	50.0000	ND	93.9	70 - 130			
Toluene	78.8100	5.0	100.000	ND	78.8	70 - 130			
Trichloroethene	39.0700	5.0	50.0000	ND	78.1	70 - 130			
Surrogate: 1,2-Dichloroethane-d4	40.66		50.0000		81.3	70 - 130			
Surrogate: 4-Bromofluorobenzene	37.05		50.0000		74.1	70 - 130			
Surrogate: Dibromofluoromethane	38.01		50.0000		76.0	70 - 130			
Surrogate: Toluene-d8	39.79		50.0000		79.6	70 - 130			
Matrix Spike Dup (B3F0489-MSD1)		Source: 1301	855-27	Prepare	d: 6/24/2013	Analyzed: 6/24	/2013		
1,1-Dichloroethene	40.6300	5.0	50.0000	ND	81.3	70 - 130	1.56	20	
Benzene	94.5900	5.0	100.000	ND	94.6	70 - 130	12.0	20	
Chlorobenzene	40.4900	5.0	50.0000	ND	81.0	70 - 130	5.22	20	
MTBE	44.1600	5.0	50.0000	ND	88.3	70 - 130	6.17	20	
Toluene	88.4200	5.0	100.000	ND	88.4	70 - 130	11.5	20	
Trichloroethene	44.4100	5.0	50.0000	ND	88.8	70 - 130	12.8	20	
Surrogate: 1,2-Dichloroethane-d4	38.90		50.0000		77.8	70 - 130			
Surrogate: 4-Bromofluorobenzene	41.52		50.0000		83.0	70 - 130			
Surrogate: Dibromofluoromethane	36.75		50.0000		73.5	70 - 130			
Surrogate: Toluene-d8	42.09		50.0000		84.2	70 - 130			



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/25/2013

Notes and Definitions

D5 Sample diluted due to failing internal standard in the original run.

ND Analyte not detected at or above reporting limit

PQL Practical Quantitation Limit

MDL Method Detection Limit

NR Not Reported

RPD Relative Percent Difference

CA1 CA-NELAP (CDPH)

CA2 CA-ELAP (CDPH)

OR1 OR-NELAP (OSPHL)

TX1 TX-NELAP (TCEQ)

Notes:

(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.

(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

□ z □ ≻ 5. # OF SPLS MATCH COC Y \| \ \ \ \ \ \ \ QA/QC REMARKS 4=4°C 5=Zn(Ac)2 6=NaOH 7=NA2S2O4 For RUSH TCLP/STLC, add 2 days to respective TAT. 3=H₂SO₄ Time: (7) Logcode RTNE Legal Subcon, TAT is 10-15 business days, Dioxin and Furans 21 business days. SWRCB ည OTHER Preservatives: 1=HCl, 2=HNO3 PRESERVATION Sample Condition Upon Receipt 3. CONTAINER INTACT Y □ N □ 6. PRESERVED Type Pg CIRCLE APPROPRIATE MATRIX Container(s) YZ N□ 4. SEALED Date: # FOR LABORATORY USE ONLY: NO GBHBAVISNOSNOV Date: E. FAX: 2. HEADSPACE (VOA) Y□ N□ 318 AWMAN SO TO SHELL WAS TRUE 3=Metal Special Instructions/Comments: TAT 10 10% DISCOUNT 10th BUSINESS DAY 1. CHILLED くさ Zip Code 2=Plastic Material: 1=Glass □ OnTrac TAT 5 NO SURCHARGE 5 -7 BUSINESS DAYS Method of Transport **CHAIN OF CUSTODY RECORD** Received by: (Signature and Printed Name) forder forder □ FedEx □ Client □ Other: □ GSO Received by (s E-mail: Received =Tedlar 7= Canister TAT 4 20% SURCHARGE 4TH BUSINESS DAY Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing 3=Liter As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full. CIRCLE or Write IN Analyses, Needed Time: Address: 1=Tube Quote #: 5=Jar 30% SURCHARGE K Forty-five (45) days after generation of report - electronic copies retained for five (5) years. Ber tastman Time 6 TAT 3 Sample: Forty-five(45) Days Complimentary - \$2.00 / sample / mo thereafter. Send Report To: Unless otherwise requested by client, all Samples and Hardcopy will be disposed Container Types: Date Date (U) Company: Addrress: Project #: Q Date: Attn: Ċŧ Sample Description Submitter (Print): 50% SURCHARGE 2ND BUSINESS D Sample I.D. / Location Weekend, Holiday, Off Hours Work Soderal TAT 2 Signature: P.O.#: ASK for QUOTE Storage Fees (applies when storage is requested): Shirt Pers Ċ TECHNOLOGY E-mail: Tel: (562) 989-4045 • Fax: (562) 989-4040 3275 Walnut Ave., Signal Hill, CA 90755 つして R13-1 100% SURCHARGE NEXT BUSINESS Sample/Records - Archival & Disposal Hardcopy Reports \$17.50 per report. LABORATORIES 122022 142022 2 BUSINESS HOURS 8:30 am to 5:30 pm 1 Relinquished by: (Signature and ADVANCED . Lab No. SURCHARGE BUSINESS DAY Project Name: 1301855 Relinquished by Relinquished by: Samples Subn considered Rav 2012_0100 Company: Client: Address: Attn: 300% S SAME B Bill To: Attn: 10 $\vdash \square \Sigma$ N က Ŋ ဖ ω თ

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□ □ N □ Y 5. # OF SPLS MATCH COC Y 🗀 N 🗀 () () () REMARKS For RUSH TCLP/STLC, add 2 days to respective TAT Time: (755) Q A / Q Preservatives: 1=HCl, 2=HNO3 3=H2SO4 RTNE Legai Subcon, TAT is 10-15 business days, Dioxin and Furans 21 business days. ဥ SWRCB Logcode OTHER. Time: PRESERVATION Sample Condition Upon Receipt 3. CONTAINER INTACT Y □ N □ 6. PRESERVED Container(s) Type CIRCLE APPROPRIATE MATRIX # FOR LABORATORY USE ONLY: NO USINS I VISUOSIOV Date: <u>|</u>| || FAX: 4=4°C 372 MANSO 12. PST FAM 2. HEADSPACE (VOA) Y□ N□ 3=Metal Special Instructions/Comments TAT 10 10% DISCOUNT 10th BUSINESS DAY Zip Code 1. CHILLED 2=Plastic Material: 1=Glass □ OnTrac TAT 5 NO SURCHARGE 5 -7 BUSINESS DAYS **CHAIN OF CUSTODY RECORD** Method of Transgor Received by: (Signature and Printed Name) □ FedEx ☐ Client □ Other: ☐ GSO 4=Pint E-mail: 6=Tedlar 7= Canister Received TAT 4 20% SURCHARGE 4TH BUSINESS DAY Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing. 3=Liter As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full. CIRCLE or Write IN 2=VOA Analyses, Needed Time: Address: l=Tube TAT 3 30% SURCHARGE 3RD BUSINESS DAY 5=Jar Forty-five(45) days after generation of report - electronic copies retained for five(5) years. B 2 Time 2 Rot Rochnelle ■ Sample : Forty-five(45) Days Complimentary - \$2.00 / sample / mo thereafter. Send Report To: Unless otherwise requested by client, all Samples and Hardcopy will be disposed Container Types: 12/2 Date Company: Addrress: Date: Date: Date: Attn: Project #: City: Sample Description Submitter (Print): TAT 2 50% SURCHARGE 2ND BUSINESS DAY edagane 2 Sample I.D. / Location Weekend, Holiday, Off Hours Work Signature: ASK for QUOTE Zip: Storage Fees (applies when storage is requested): E-mail: ▼ TECHNOLOGY Tel: (562) 989-4045 • Fax: (562) 989-4040 3275 Walnut Ave., Signal Hill, CA 90755 Sample/Records - Archival & Disposal 100% SURCHARGE NEXT BUSINESS ころののとして Hardcopy Reports \$17.50 per report. LABORATORIES BUSINESS HOURS 8:30 am to 5:30 pm 2 ゴー 5 11 - (9 -13 <u>ک</u> _ Lab No. ADVANCED _ TAT 0
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eS 🖪	☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.		Weekend, Holiday, Off Hours Work Conta	Container Types: 1=Tube 5=Jar	ube 2=VOA 3=Liter 4= ar 6=Tedlar 7= Canister	i Pi	Material: 1=Glass	2=Plastic 3=N	3=Metal Preservative	s: 1=HCl, 5=7n(Ac)?	2=HNO3 3	3=H2SO4 7=NA2S2O4
SAN	300% SURCHARGE 100 SAME BUSINESS DAY NE	100% SURCHARGE NEXT BUSINESS	TAT 2 50% SURCHARGE 2ND BUSINESS DAY	TAT 3 30% SURCHARGE 3RD BUSINESS DAY	Ш		NO SURCHARGE 5 -7 BUSINESS DAYS	TAT 10 10% DISCOUNT 10th BUSINESS DAY		SLP/STLC, ad is 10-15 busir	2 days to rest ss days, Diox	pective TAT.
		DAY 5:30 PM	5:30 PW	5:30 PM	-	1	5:30 PM	5:30 PM	1	usiness days.		



June 27, 2013

Elizabeth Miller Geocon Consultants, Inc. 6960 Flanders Drive San Diego, CA 92121 Tel: (858) 558-6100

Fax:(858) 558-8437

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Re: ATL Work Order Number: 1301855

Client Reference: Valiano, 9524-06-04

Enclosed are the results for sample(s) received on June 21, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez

Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/27/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST2 - 2.0	1301855-29	Soil	6/21/13 14:35	6/21/13 14:48



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/27/2013

Client Sample ID AST2 - 2.0 Lab ID: 1301855-29

Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	510	10	NA	1	B3F0535	06/26/2013	06/26/13 14:18	
ORO	430	10	NA	1	B3F0535	06/26/2013	06/26/13 14:18	
Surrogate: p-Terphenyl	98.7 %	55	- 153		B3F0535	06/26/2013	06/26/13 14:18	

QUALITY CONTROL SECTION

Diesel Range Organics by EPA 8015B - Quality Control

	Result	PQL	Spike	Source		% Rec		RPD	
Analyte	(mg/kg)	(mg/kg)	Level	Result	% Rec	Limits	RPD	Limit	Notes
Batch B3F0535 - GCSEMI_DRO									
Blank (B3F0535-BLK1)				Prepared	: 6/26/2013	Analyzed: 6/26	2013		
DRO	ND	10			NR				
ORO	ND	10			NR				
Surrogate: p-Terphenyl	88.64		80.0000		111	55 - 153			
LCS (B3F0535-BS1)				Prepared	: 6/26/2013	Analyzed: 6/26	2013		
DRO	1240.59	10	1000.00		124	65 - 151			
Surrogate: p-Terphenyl	97.32		80.0000		122	55 - 153			
Matrix Spike (B3F0535-MS1)		Source: 1301	855-29	Prepared	: 6/26/2013	Analyzed: 6/26/	2013		
DRO	1871.16	10	1000.00	512.600	136	45 - 168			
Surrogate: p-Terphenyl	94.85		80.0000		119	55 - 153			
Matrix Spike Dup (B3F0535-MSD1)		Source: 1301	855-29	Prepared	: 6/26/2013	Analyzed: 6/26	2013		
DRO	1829.50	10	1000.00	512.600	132	45 - 168	2.25	20	
Surrogate: p-Terphenyl	79.40		80.0000		99.2	55 - 153			



Geocon Consultants, Inc. Project Number: Valiano, 9524-06-04

6960 Flanders Drive Report To: Elizabeth Miller

San Diego , CA 92121 Reported: 06/27/2013

Notes and Definitions

ND Analyte not detected at or above reporting limit

PQL Practical Quantitation Limit

MDL Method Detection Limit

NR Not Reported

RPD Relative Percent Difference

CA1 CA-NELAP (CDPH)

CA2 CA-ELAP (CDPH)

OR1 OR-NELAP (OSPHL)

TX1 TX-NELAP (TCEQ)

Notes:

(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.

(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

Diane Galvan

From:

Elizabeth Miller [miller@geoconinc.com] Wednesday, June 26, 2013 10:06 AM

Sent: To:

Diane Galvan

Cc:

Ben Eastman

Subject:

RE: Results/Invoice - Valiano (1301855)

Hi Diane,

May I please have you run soil sample AST2-2.0 for ORO and DRO using EPA Test Method 8015B on a 24 Hour TAT?

Thank you! Elizabeth



Elizabeth Miller | Senior Staff Geologist Geocon Incorporated 6960 Flanders Drive, San Diego, CA 92121-2974 Tel 858,558,6900 Fax 858,558,6159 www.geoconinc.com

you.