

Appendix G

Revised Update Phase I and Limited Phase II Environmental Site Assessment

Geosoils 2013d

REVISED UPDATE PHASE I AND LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT
11-ACRE PROPERTY, APN 235-202-35-00
2115 AMANDA LANE, ESCONDIDO
SAN DIEGO COUNTY, CALIFORNIA 92027

GeoSoils, Inc.

FOR

NEW URBAN WEST, INC.
1733 OCEAN AVENUE, SUITE 350
SANTA MONICA, CALIFORNIA 90401

W.O. E6539-SC JULY 19, 2013



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July 19, 2013

W.O. E6539-SC

New Urban West, Inc.

1733 Ocean Avenue, Suite 350
Santa Monica, California 90401

Attention: Mr. Jason Han

Subject: Revised Update Phase I and Limited Phase II Environmental Site Assessment, 11-Acre Property, APN 235-202-35-00, 2115 Amanda Lane, Escondido, San Diego County, California 92027

Dear Mr. Han:

GeoSoils, Inc. (GSI) is pleased to present the results of our Update Phase I and Limited Phase II Environmental Site Assessment (ESA) for the subject property in the City of Escondido, San Diego County, California. This study was conducted for the purpose of assessing the current potential for the presence, to the extent practical, of hazardous materials/waste and/or petroleum contamination (i.e., recognized environmental conditions [RECs]) at the subject site. Unless specifically superceded herein, the findings and recommendations previously provided in our original ESA for this site (GSI, 2011 [see Appendices A and B]) remain valid and applicable.

Please note that GSI has performed this Update Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05. This practice is intended, by the ASTM Committee E 50, to be a general guideline standard and used on a voluntary basis. Any major exceptions to, or deletions from, this practice are described in the relevant sections of this report.

SUMMARY

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our March 27, 2013 field reconnaissance of the property, an interview with a representative of the current property owner and tenant, our review of historic land use by utilizing readily available reports, historical aerial photographs, and historical topographic maps, it is our understanding that the subject property was used for agricultural cultivation (avocado orchards) between the 1960s and 1980s. The site was undeveloped and vacant prior to the 1960s. Currently, the site consists of residential property.

- Based on our review of a preliminary environmental assessment report prepared for the Citracado High School site by The Planning Center ([TPC] 2010), GSI understands that a former burn ash dump site, associated with the Mayhew Dump, was located below portions of Lots 3, 4, 5, and 6, the Greenwood Place cul-de-sac and a utility easement which are part of the adjacent, westerly Escondido Tract 817. It is our understanding that the Mayhew Dump (also referred to as the “Old Escondido Burn Site”) operated between the years 1944 and 1949. During a preliminary geotechnical investigation for the adjacent, westerly Tract 817, burn ash was discovered in test excavations completed within that property. Elevated concentrations of lead and copper were found in the burn ash material. During grading of that site, the burn ash was consolidated and entombed at least 3 feet below the underground utilities in Greenwood Place and the utility easement north of Greenwood Place. The remedial actions were performed under County of San Diego Department of Environmental Health (DEH) oversight. Based on the environmental status and general down-groundwater and down-topographic gradient location of this site, burn ash on the adjacent, westerly property does not constitute a Recognized Environmental Condition (REC).
- Although the Mayhew Dump was located about \pm 200 feet to the west of the site, and \pm 25 feet lower than the site in this vicinity, GSI performed a preliminary soil screening investigation over the entire site to evaluate the potential occurrence of fugitive burn ash possibly associated with the Mayhew Dump. In one confined and localized low-lying area, testing indicated metal, polyaromatic hydrocarbon, dioxin, and furan compounds in undocumented fill that had been previously placed in a natural drainage swale, adjacent to the westerly property margin. The concentrations of these compounds in the fill may present some risk to human health, and are therefore an REC. Although burn ash was not readily visible in undocumented fill exposures, the presence of these compounds suggests that some of the trash and debris contained in the undocumented fill may have been burned prior to burial. Our review of the trash inventory (i.e., small metal fragments, green plastic piping, plastic sheeting, glass bottles, circular, cleaner container lids similar to those used by Comet cleaning products, and an aluminum Fresca can with a pop-top lid [all younger than the closure of Mayhew Dump]), taken during advancement of the test pits for soil sampling during this study, indicates, by superposition, the age of the trash post-dates Mayhew Dump operations and therefore is not part of the former Mayhew Dump. Rather, it is likely that the former property owner had burned and buried this small amount of trash within the natural low-lying drainage swale.
- There was no readily visible evidence of surficial soil staining on the property during our recent or previous site reconnaissances. In addition, we did not observe any readily visible evidence of above ground or underground storage tanks, oil or gas wells, or hazardous materials/waste and/or petroleum product storage or disposal areas on the property. GSI did observe two empty 55-gallon drums near the southwest corner of the site. No readily visible evidence of surficial soil staining in the proximity of these drums was apparent, and they are therefore not an REC.

- Owing to the historical agricultural practices on the property, GSI previously performed a limited screening evaluation of restricted use pesticides in preparation of GSI (2011). For this previous evaluation, GSI collected 11 samples of the near surface soils and submitted them to a Department of Health Services (DHS) laboratory for analytical testing of organochlorine pesticides. Testing indicated that one (1) of the 11 soil samples contained concentrations of dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT) and Dieldren above laboratory reporting limits. However, the concentrations of DDD, DDE, DDT, and Dieldren were all below CHHSLs for residential land use. The other 10 samples exhibited non-detectable concentrations of organochlorine pesticides. Based on the above testing results, organochlorine pesticides are not considered an REC.
- Based upon our recent field reconnaissance, the site is currently utilized as residential property. There is one single-family residential structure constructed sometime in 1961 and one detached garage. One storage shed and one outbuilding were also noted near the single-family residential structure. Electrical power is supplied by an overhead power line with a transformer. An asphaltic concrete paved driveway provides access to the property from Amanda Lane. A majority of the property is covered with grasses, weeds, and scattered trees and shrubs. Reportedly, potable water supply is provided by the Escondido Municipal Water District. Onsite sanitary sewerage is disposed of in an onsite wastewater treatment system (septic system). Stockpiles of materials were observed on the site, which included organic debris and miscellaneous trash and debris. There was no significant visible surficial staining on the property. There does not appear to be significant surficial evidence of onsite hazardous materials/waste and/or petroleum contamination; however, the trash/debris, stockpiles, etc., were not disturbed.
- Owing to the age of the onsite structures, a preliminary asbestos and lead-based paint screening review of the subject property was performed in preparation of GSI (2011). This review is provided in Appendix G of that report (see Appendix B of this report on the CD data disc). Limited screening and testing for asbestos containing materials (ACM) and lead-based paints (LBP), performed by Applied Toxicology, Inc., indicated the presence of ACM in flooring tile, flooring mastic, and acoustic ceiling material. Further, ACM was presumed to occur in roofing materials, flooring materials, window sealants, window putty, window glazing, wall and ceiling plaster, acoustic ceiling materials, the HVAC system, attic debris, and exterior stucco. LBP was presumed to exist on all painted surfaces. The reader is referred to Appendix G of GSI (2011) in this regard. GSI (2011) is included in Appendix B on the CD data disc. Accordingly, ACM and LBP are considered an REC.
- Based upon a review of the Department of Water Resources monitoring network, groundwater was encountered in private wells in the site vicinity at reported elevations ranging from approximately 643 to 656 feet below the ground surface (National Aeronautical Datum [NAD] of 1927 and 1983) or approximately 94 to

107 feet below the lowest site elevation, and is probably “perched”. Based on the regional topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally in both southwesterly and southeasterly directions, following surface drainage patterns to Del Dios Creek and Felicita Creek, respectively. Please note that many variables influence groundwater depth and flow direction, and the actual depth and flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI’s site reconnaissance. However, evidence of surficial water flow was observed in a dry creek bed near the easterly property line. Based on site topography, this creek was inferred to flow in a north to south direction.

- GSI requested Sanborn Fire Insurance Maps for the site; however, these maps were unavailable. Government database records research indicated six mapped risk sites and 13 unmapped (non-geocoded) risk sites within the specified search area. Based on their distance and general down-or cross-groundwater gradient location relative to the subject site, and/or their status, and affected media, these sites are not considered an REC. City directory listings did not indicate addresses of potential concern within the radius search area.
- A review of the 50-Year Chain-of-Title report for the subject property indicates that the site has not been owned by businesses that commonly handle, generate, store, or dispose of hazardous materials/chemicals.
- According to an environmental lien report, prepared for the subject property, there are no known environmental liens or activity use limitations (AULs) associated with the site.
- A review of building department records for the subject property and adjoining properties indicates that there are no permits associated with the installation or removal of underground or above-ground storage tanks, or wells at the site nor adjoining properties.
- According to the Draft Regional Wildcat Map prepared by the State of California - Department of Conservation, there are no wildcat gas or oil wells on the subject property but there are several gas and oil wells within the site vicinity. However, these wells are located greater than 1 mile from the subject site and are generally in a down- or cross-groundwater gradient location relative to the subject site. Thus, oil and gas wells are not considered an REC.
- Data gaps include the years prior to 1893 and between 1893 and 1901, 1907 and 1921, 1921 and 1927, and 1927 and 1933. These gaps were due to the limited records, which are reasonably ascertainable in this area at that time. Sanborn Fire

Insurance Maps, and Zoning Land Use records were not reviewed owing to the information not being available or the surrounding residential land use. Public records request applications for the subject property were submitted to the County of San Diego Department of Environmental Health and Air Pollution Control District, and the San Diego Regional Water Quality Control Board. The County of San Diego Department of Environmental Health and Air Pollution Control District informed GSI that no records for the subject property exist within their files. GSI is waiting to review the San Diego Regional Water Quality Control Board files. Given that information on contaminated sites is typically shared between County of San Diego Department of Environmental Health and the San Diego Regional Water Quality Control Board, GSI does not anticipate additional findings from the San Diego Regional Water Quality Control Board. However, it is our opinion that additional historic information, if it were to become available, is not likely to significantly change the conclusions and recommendations of this assessment.

- This assessment has revealed no evidence of recognized environmental conditions in connection with the property, other than that mentioned above.

CONCLUSIONS SUMMARY

We have performed this update Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for 2115 Amanda Lane, Escondido, San Diego County, California 92027. Any exceptions to, or deletions from, this practice are described in the section immediately above. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property other than those described below.

- Undocumented fill (estimated at about 48 cubic yards), located within a natural drainage swale contains concentrations of metal, polyaromatic hydrocarbons, dioxin, and furan compounds that may pose a threat to human health, and therefore present an REC. County of San Diego Environmental Health Services may require further testing and evaluation in this regard.
- As indicated in the original Phase I ESA, a detailed agricultural chemical residue survey may be required prior to receipt of a grading permit for the proposed residential development, as a part of the grading plan approval process. Typically, a detailed survey is provided to the County of San Diego Environmental Health Services for review and comment; however, based on the extremely low concentrations previously encountered, it is possible that this requirement may be waived.

- As also indicated in the original Phase 1 ESA, an ACM and LBP survey of the structures should be performed by a licensed asbestos/lead contractor, prior to demolition.
- GSI did not observe a well on the property during our site reconnaissance. However, based on the age of the residential structure, a water well may be present onsite.
- Based upon the information obtained during the course of our recent assessment, pursuant to the limitations set forth in the text of this report, the site is considered acceptable for the proposed land use, provided the following mitigation measures discussed in the "Recommendations" section, herein, are properly implemented during planning, design, and construction.

CLOSURE

GSI declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of GSI personnel who worked on this project are included in Appendix H (provided as PDF copy on CD data disc only).

We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (760) 438-3155.

Respectfully submitted,

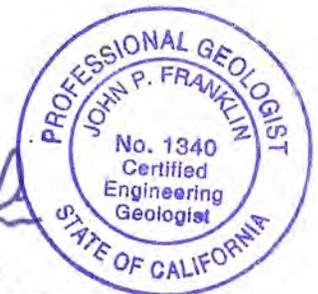
GeoSoils, Inc.



Ryan B. Boehmer
Project Geologist



John P. Franklin
Environmental Assessor
CEG 1340, CHG 532



RBB/JPF/jh

Distribution: (3) Addressee

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**REVISED UPDATE PHASE I AND LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT
11-ACRE PROPERTY, APN 235-202-35-00
2115 AMANDA LANE, ESCONDIDO
SAN DIEGO COUNTY, CALIFORNIA 92027**

INTRODUCTION

Purpose and Scope

In accordance with our proposal and the Client's (New Urban West, Inc.'s) authorization, GeoSoils, Inc. (GSI) has completed this Update Phase I and Limited Phase II Environmental Site Assessment (ESA) report covering the subject property, the location of which is illustrated on Figure 1 (Site Location Map). The subject property is described as:

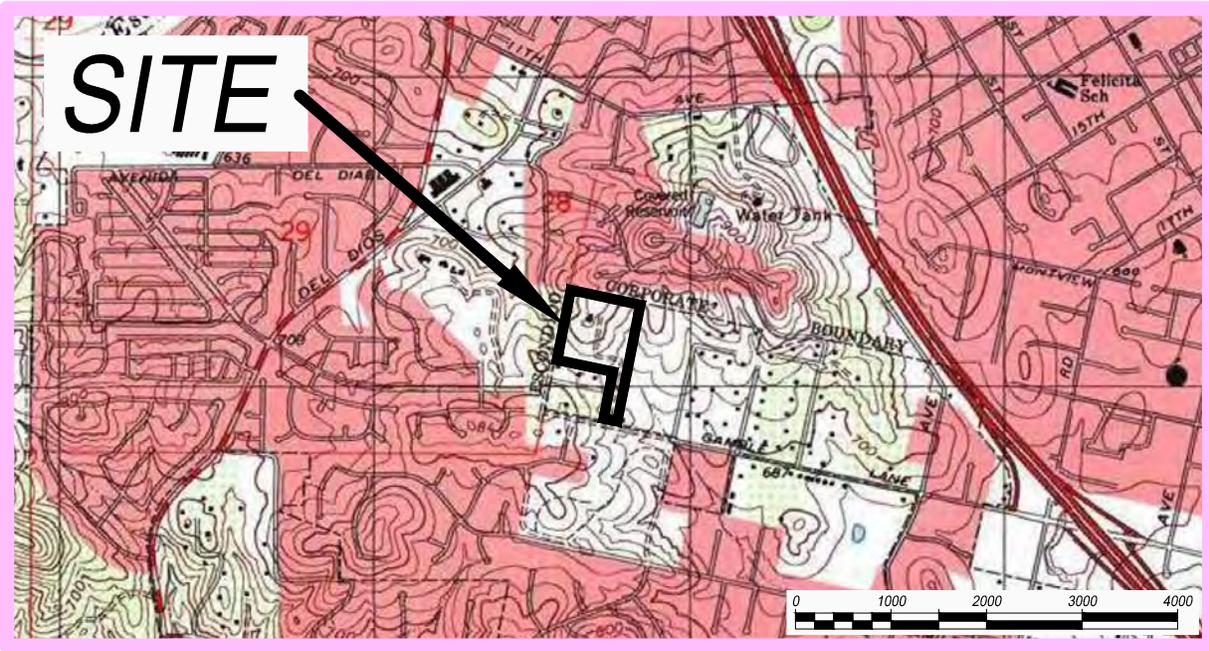
**APN 235-202-35-00, 2115 Amanda Lane
Escondido, San Diego County, California 92027**

This ESA was prepared for the purpose of assessing, to the extent practical, the potential for *recognized environmental conditions* from past or present uses at the subject property. A *recognized environmental condition* is defined by ASTM Standard E 1527-05 as:

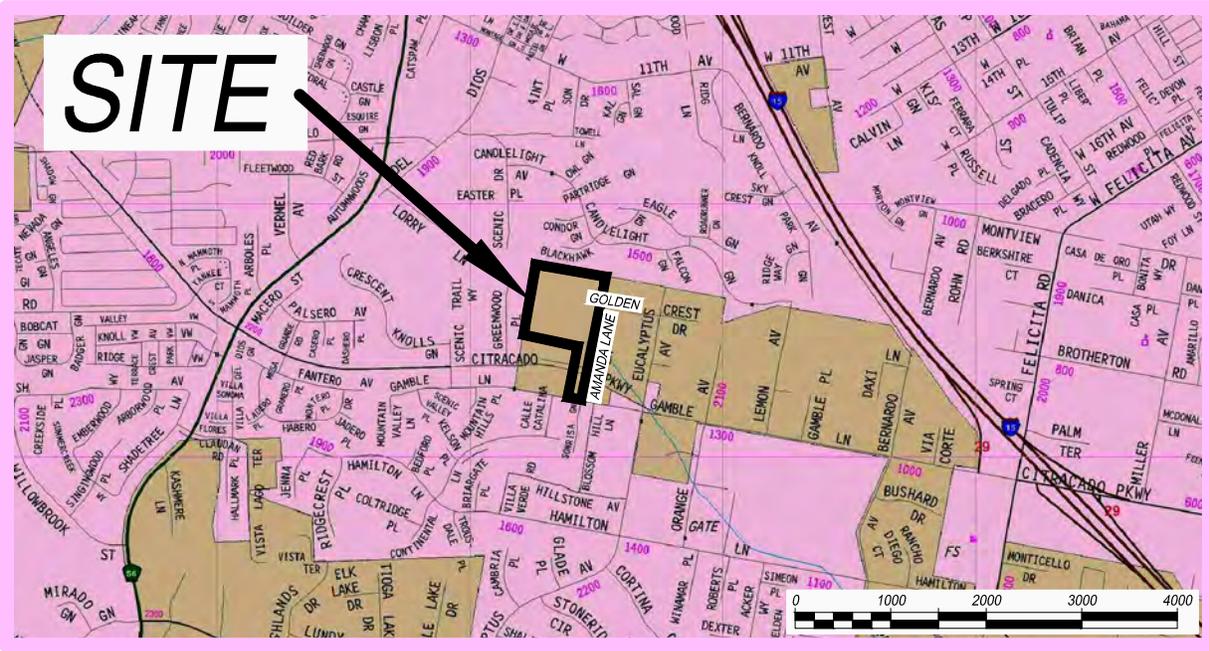
The presence or likely presence, of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term 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.

The scope of work included:

1. A review of the subject property's geologic, hydraulic, and hydrogeologic setting as well as the previous environmental site assessment for the property, performed by this office (see Appendices A and B [Appendix B is on the CD data disc only]);
2. A reconnaissance of the subject property and surrounding areas to visually assess current utilization and for indications of potential surface contamination (Appendix C on the CD data disc and attached to report);



Base Map: TOPO!® ©2003 National Geographic, U.S.G.S Escondido Quadrangle, California -- San Diego Co., 7.5 Minute, dated 1996, current, 1999.



Base Map: The Thomas Guide, San Diego Co., Street Guide and Directory, 2005 Edition, by Thomas Bros. Maps, page 1129.

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	W.O. E6539-SC
<h1>SITE LOCATION MAP</h1>	



Figure 1

3. A review of historical aerial photographs and historical topographic maps of the site and surrounding vicinity to assess the subject properties' historical land utilization and for indications of potential contamination or sources of contamination (Appendix D on the CD data disc only);
4. A review of the city directory list and government database documents concerning available pertinent environmental information for the subject property and nearby properties (Appendix D on CD data disc only);
5. A review of 50-Year Chain-of-Title, environmental lien, and building permit reports (Appendix D on CD data disc only);
6. Contacted local and state agencies for existing environmental information or records for the subject property (Appendix E);
7. Interviewed the current property owner (Appendix F);
8. Soil sampling, analytical testing, and delineating the vertical and horizontal extent of impacted soils (Appendix G); and
9. Preparation of this report which provides the findings of these studies and presents GSI's conclusions and recommendations.

Limitations

This current study does not include any of the following:

- Subsurface or geotechnical evaluation of the subject property;
- Groundwater sampling and analyses, including potable water sources;
- Identification or evaluation of wetlands;
- Identification or evaluation of biological concerns;
- Identification and/or evaluation of sludge;
- Consideration of possible future contamination of the subject property from adjacent or surrounding facilities or properties, or derailment;
- Asbestos, methane, nitrates, radon gas, vapors, mold, lead paint, or electromagnetic evaluation(s); and,
- Interviews with government officials.

Exceptions

Sanborn Fire Insurance Maps were unavailable for review.

Terms and Conditions

This report is intended for the use of the Client (New Urban West, Inc.). This report is based upon the field conditions observed during our site reconnaissance and sampling performed on March 27, 2013 and April 3, 2013, and a contract with a mutually agreed scope of work, terms and conditions, and limitations between GSI and New Urban West, Inc. Without the express written consent of GSI, and for the protection of the Client and GSI, the contents should not be relied upon by any party other than the aforementioned unless they agree in writing (subject to GSI review), to the same mutually agreed scope of work, terms and conditions, and limitations. Any outside party intending to rely on the findings contained herein must first issue a declaration that they understand and concur with the scope of work, terms and conditions, and limitations mutually agreed upon between New Urban West, Inc. and GSI for this assessment.

This report does not consider possible future contamination of the subject property from adjacent or surrounding facilities or properties. All judgements concerning adjoining properties apply only to conditions observed during the time of the on-site reconnaissance.

SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS

Site Description

The site consists of approximately 11 acres located at 2115 Amanda Lane in the unincorporated area of Escondido, California (see Figure 1, Site Location Map). The property is bounded by Amanda Lane to the south, and existing residential development on the remaining sides. Topographically, the site is situated across a low, south-trending ridge line. The eastern flank of the ridge line slopes eastward, at gradients on the order of 5:1 (horizontal:vertical [h:v]), while the western flank slopes westward, at gradients on the order of 4:1 (h:v). Maximum elevations across the site range from approximately 820 to 840 feet Mean Sea Level (MSL) along the crest of the ridge line, to minimum elevations ranging from approximately 750 to 780 feet MSL near the base of the lower, flanking slopes, for an overall topographic relief of approximately 90 feet. Site drainage appears to be directed offsite to the west and southeast, via tributary drainages. Existing site improvements consist of a split-level single-family residential structure, a detached garage, storage shed, and a small outbuilding, located along the ridge line. East to west trending, overhead power lines also occur onsite. A single transformer is affixed to the power line pole north of the detached garage. The remaining areas on the property are relatively undeveloped. It appears that cut and fill grading was used to construct the existing building pad with an excavation (cut) occurring on the north side of the building pad and fill located on the building pad's south side. Site vegetation consists of several trees in close proximity to the existing residential structure, with grasses, weeds, and scattered shrubs throughout the remainder of the property.

Proposed Development

Based on communication with a representative of New Urban West, Inc, GSI understands that proposed site development would include preparing the site to receive residential home sites with associated underground utility and pavement improvements. Grading plans are currently unavailable for GSI review.

REVIEW OF PREVIOUS SITE ENVIRONMENTAL STUDIES

GSI previously completed a Phase I Environmental Site Assessment for the subject property in 2011 (GSI, 2011). As part of our previous study, GSI reviewed the property's geologic and hydrogeologic setting, historical topographic maps and aerial photographs, government database records, performed a field reconnaissance of the subject property, conducted limited sampling and testing of the onsite soils for organochlorine pesticides, performed an asbestos and lead-based paint screening evaluation, and prepared a summary report presenting our findings, conclusions, and recommendations (GSI, 2011).

Based on the aforementioned work, we concluded that concentrations of organochlorine pesticides in the onsite soils were either non-detectable or below California Human Health Screening Levels (CHHSLs) for residential land use. In addition, limited screening and testing for asbestos containing materials (ACM) and lead-based paints (LBP) indicated the presence of ACM in flooring tile, flooring mastic, and acoustic ceiling material. Further, ACM was presumed to occur in roofing materials, flooring materials, window sealants, window putty, window glazing, wall and ceiling plaster, acoustic ceiling materials, the HVAC system, attic debris, and exterior stucco. LBP was presumed to exist on all painted surfaces.

GSI concluded that the overall potential for significant agricultural hazardous materials/waste and/or petroleum contamination onsite is low to perhaps moderate; however, the uncertainty of potential environmental concerns could not be eliminated. We recommended the proper handling and disposal of all trash, debris, and waste materials, an ACM and LBP survey of the structures prior to demolition, the removal and proper disposal of any buried septic system and proper well abandonment if such structures are encountered during grading. GSI (2011) is provided in its entirety in Appendix B on the CD data disc.

RECENT OBSERVATIONAL RECONNAISSANCE

Onsite and Border Zone Reconnaissance

On March 27, 2012, a GSI representative (Mr. Ryan B. Boehmer) visited the subject property to assess current site utilization and observe for signs of possible surface contamination, which included walking the site and remote sensing the surrounding

properties from the subject site. Features observed during the site reconnaissance are described below and illustrated on the Site and Sample Location Map (see Figure 2) which uses Google Earth imagery as a base. Photographs of the subject property are presented in Appendix C on the CD data disc. The photograph locations and viewpoints are also indicated on Figure 2 (Site and Sample Location Map).

There were no limitations to site access. However, GSI did not enter the onsite buildings. The weather during the site reconnaissance was generally sunny to partly cloudy. There were no visibility limitations due to weather conditions.

During our site reconnaissance, GSI did not observe readily visible evidence of surficial staining nor petroleum odors on the subject property.

- **Buildings on Property, and General Usage** - Buildings on the subject property consist of a split level residential structure, a detached garage, a shed, and outbuilding. Previous screening and testing for ACM and LBP confirmed ACM within some existing building materials with the presumption that suspect ACM exists in other non-tested building materials and LBP exists on all painted surfaces given the age of the existing buildings. GSI did not enter the buildings. However, we anticipate that practices occurring within the buildings are typical for residential development.

Based on personal communication with the tenant, GSI understands that the tenant occasionally repairs outboard boat motors in the rear of the detached garage. GSI observed a small quantity plastic container of gasoline being stored on a concrete slab, along the southern exterior wall of the garage. No readily visible evidence on leakage or staining was observed where the reported motor repair occurs. The tenant indicated that lubricants and oil are disposed in a lawful manner.

- **Drum Storage** - Two abandoned 55-gallon drums were observed near the southwest corner of the property. These drums appeared empty and no readily visible evidence of stained soils were observed in their proximity. A small plastic fuel container was observed on a concrete surface along the southern exterior wall of the garage. This container appeared to be in good shape, stored properly, and no evidence of leakage was noted. The 5-gallon empty gas can observed during GSI (2011), near the southwest corner of the property was not readily identified during our recent site reconnaissance. Drum storage is not considered an REC at this time.
- **Storage Tanks** - Our field observations indicated that there are no readily visible evidence of above or underground storage tanks (ASTs or USTs) on the subject property. In addition, agency database records do not indicate the presence of ASTs nor USTs at the site. Thus, above ground and underground storage tanks are not considered an REC at this time.



LEGEND

- POWER POLE WITH TRANSFORMER
- POWER POLE
- APPROXIMATE LOCATION OF SOIL SAMPLE FOR ORGANOCHLORINE PESTICIDE TESTING (GSI, 2011)
- APPROXIMATE LOCATION OF ENVIRONMENTAL SOIL SAMPLE (THIS STUDY)
- APPROXIMATE LOCATION OF SITE PHOTOGRAPH SHOWING DIRECTION OF VIEW
- APPROXIMATE AREA OF IMPACTED SOIL

Map Image Provided by:
Google Earth, 2010

ALL LOCATIONS ARE APPROXIMATE

This document or efile is not a part of the Construction Documents and should not be relied upon as being an accurate depiction of design.

GeoSoils, Inc. RIVERSIDE CO.
 ORANGE CO.
 SAN DIEGO CO.

SITE AND SAMPLE LOCATION MAP

Figure 2

- **Hazardous Chemical/Material Use, Storage, and Disposal** - As previously mentioned, the tenant occasionally repairs outboard boat motors which typically involves the use of fuel, oil, and grease lubricants. A small quantity plastic gas container was observed on the concrete slab along the southern exterior wall of the garage. Storage areas for oil and grease lubricants were not readily visible.
- **Potential Sources of Polychlorinated Biphenyls (PCBs)** - GSI observed an above-ground transformer on the wooden power pole, located north of the detached garage. The transformers appeared to be in fair to good condition and no readily visible evidence of surficial soil staining was observed on the ground beneath the transformer. Power transformers in San Diego County are typically owned and operated by San Diego Gas & Electric (SDG&E). Previous conversations with SDG&E employees have indicated that the possibility of PCB's leaking from their transformers is extremely unlikely, as the transformers are now probably filled with mineral oil. SDG&E has indicated that should the transformers leak, it should be their responsibility to perform cleanup. Given the above, PCB contamination is not considered an REC at this time.
- **Electromagnetic Evaluation** - Overhead distribution and/or transmission lines were observed on the property and along the eastern property line. The evaluation of electric and magnetic fields (EMF) onsite is beyond this current scope of work. However, based upon a public information booklet by a southern California power company, the magnetic field from transmission lines get weaker with distance. Magnetic fields are reported to vary from 1 to 300 milliGauss (mG) at the edge of a right-of-way. For comparison purposes, magnetic fields range from 0.1 mG to 8 mG on microwave ovens or televisions at a distance of 39 inches. Although there is some speculation that EMFs represent a risk to human health, medical and scientific research has yet to determine exposure levels related to health risks. Studies (to date) have been inconclusive as to the possible dangers from EMFs. Additional information is available from Southern California Edison (SCE), the United States Environmental Protection Agency, The National Academy of Sciences and/or the American Medical Association.
- **Utility Structures, Roads, Disposal Systems, Water Wells** - GSI did not observe structures commonly associated with telephone/fiber optic, potable water, and sanitary sewerage on the subject property. It is our understanding, based on a completed questionnaire from Mr. Gil Miltenberger of Arete Homes (current property owner) that the sanitary sewerage is disposed in an onsite wastewater system and that there are no water wells on the subject property. Storm water disposal appears to be accommodated by sheet flow directed toward natural drainage swales. Amanda Lane runs between the southwest corner of the property and Gamble Lane.

- **Hydraulic Lifts** - GSI did not observe readily visible evidence of hydraulic lifts on the subject property. Thus, hydraulic fluids associated with hydraulic lifts are not an REC.
- **Use, Storage, and Disposal of Petroleum Products** - As previously indicated, the tenant stated that he occasionally repairs outboard boat motors which typically requires petroleum products such as gasoline, oil, and grease lubricants. A small quantity plastic fuel container was observed on the concrete slab along the southern exterior wall of the garage. No visible leaks in the container were noted. In addition, it is likely that motor oil and grease lubricants are also used onsite. However, the storage of these materials was not readily visible during our site reconnaissance. During our conversation, the tenant stated that the disposal of petroleum products was performed in a lawful manner.
- **Paint Booths** - GSI did not observe evidence of paint booths on the subject property.
- **Battery Storage and Disposal** - GSI did not observe evidence of battery storage and disposal on the subject property.
- **Sumps** - GSI did not observe readily visible evidence of sumps on the subject property.
- **Clarifiers** - GSI did not observe evidence of clarifiers on the subject property.
- **Oil/Water Separators** - GSI did not observe evidence of oil/water separators on the subject property.
- **Septic Systems** - GSI did not observe readily visible evidence of septic systems on the subject property. However, it is our understanding that sanitary sewerage is disposed into an onsite wastewater system. The septic system is considered a relatively low order REC, but will require proper handling and disposal during site development.
- **Floor Drains** - No readily visible evidence of floor drains was observed.
- **Waste Pits, Ponds, and Lagoons** - GSI did not observe readily visible evidence of waste ponds and lagoons on the subject property. We did encounter a small buried trash pit in a natural drainage swale near the westerly property line. California Title 22 metal testing performed on soil samples collected from this swale indicated concentrations of lead, cadmium, trivalent chromium, arsenic, and copper above California Human Health Screening Levels (CHHSLs) in the upper 2¼ feet.
- **Dry Cleaning Operations** - No evidence of dry cleaning operations was observed on the subject property.

- **Wastewater** - It is our understanding from the current property owner that sanitary sewerage is disposed in an onsite wastewater system. This system is considered a relatively low order REC but will require proper handling and disposal during development. Stormwater runoff appeared to be accommodated via sheet flow toward natural drainage swales.
- **Environmental Releases and Spills** - Unusual or significant surface staining (i.e., spills and/or releases) and petroleum odors were not noted on the subject site by GSI during our site reconnaissance. In addition, our review of government database records indicate no reported releases or spills on the subject site.
- **Asbestos Containing Materials and Lead-Based Paint** - A previous asbestos and lead-based paint screening evaluation was performed in preparation of GSI (2011). Limited testing for ACM in existing building materials indicated its presence in flooring tile, flooring mastic, and acoustic ceiling material. Further, ACM was presumed to occur in roofing materials, flooring materials, window sealants, window putty, window glazing, wall and ceiling plaster, acoustic ceiling materials, the HVAC system, attic debris, and exterior stucco. LBP was presumed to exist on all painted surfaces. The presence of ACM and LBP are considered an REC. An ACM and LBP survey should be performed prior to demolition of the existing structures. Proper handling and disposal techniques may be required during demolition.
- **Methane and Nitrates** - Methane and nitrate evaluations were not a part of our scope of work for this study; however, these constituents are typically associated with livestock farming and should not be considered an REC based on past land use understood from historical aerial photograph and topographic map reviews.
- **Mold** - An evaluation of the presence of mold is beyond the scope of this current study.
- **Radon** - A detailed radon survey was not a part of this update ESA; however, the potential for radon gas accumulation is low in southern California. A recent publication by the American Society of Testing and Materials (ASTM) suggests that the Pacific coastal range areas are expected to have a low to moderate radon potential. In addition, a study reported by the Los Angeles Times (Nagda, 1994) and California Environmental Protection Agency (CAL EPA) suggested a very localized geographic radon problem within the state. California school officials found virtually no elevated radon levels in public schools (Nagda, 1994). Because of this, and due to the generally mild climate in southern California and open-air condition of the site, the potential for radon gas accumulation is not considered a significant environmental threat.

In 1990, the State of California (1990) conducted a radon survey in the state. The results of the survey indicate that for the 182 samples obtained in Region 9, which included Los Angeles, Riverside, San Bernardino, Orange, San Diego and Imperial

Counties, the arithmetic mean radon levels were 0.6 pCi/l. This average total is below the radon action level of 4 pCi/l.

Border Zone Reconnaissance

During our field reconnaissance, GSI observed, through remote sensing, adjacent properties to evaluate if land uses thereon may contribute to an environmental risk to the subject site. In general, adjacent properties consist of a paved road, a walking path, and residential property. Provided that hazardous materials/substances used, stored, or disposed of on these border zone properties are conducted in a lawful manner, activities on border zone properties are not considered an REC. Because activities occurring on the adjacent roadways are in constant flux and unpredictable, GSI is unable to surmise if events or practices occurring thereon would introduce contaminants to the subject property. However, there are no documented unauthorized releases of hazardous materials/substances or petroleum products on the adjoining roadway.

Based on communication with the client and our review of the preliminary environmental assessment report prepared by TPC (2010) for the nearby Citracado High School site, GSI understands that the Mayhew Dump (also referred to as “the Old Escondido Burn Site”) operated between the years 1944 and 1949 on the property immediately west of the subject site. TPC (2010) indicated that burn ash was discovered during geotechnical sampling on the adjacent westerly San Diego County Tract 817. A review of Vinje & Middleton Engineering, Inc. ([V&ME],2002) indicated that the burn ash dump was located within portions of Lots 3, 4, 5, and 6 of Tract 817, the Greenwood Place cul-de-sac, and the utility easement north of Greenwood Place. TPC (2010), stated that elevated concentrations of lead and copper were found in the burn ash material.

TPC (2010) documents that during grading of that tract, the burn ash was consolidated and entombed at least 3 feet below the underground utilities in Greenwood Place and within a utility easement, north of Greenwood Place as approved by the County of San Diego Solid Waste Local Enforcement Agency. V&ME testing on soils collected from Lots 3, 4, 5, and 6 following the burial of the burn ash indicated that lead, copper, polyaromatic hydrocarbons, dioxins and furans were all below CHHSLs for residential development. A deed restriction was placed on a portion of APN 235-550-03 (location of utility easement) to prevent the disturbance of consolidated ash.

Based on our review, the burn ash remediation associated with the Mayhew Dump is located offsite, down-topographic and down-groundwater gradient from the subject site. Thus, Mayhew Dump is not considered an REC.

Photographic Record

Representative color photographs of the site were taken during the site reconnaissance. These photographs are presented in Appendix C on the CD data disc. The photograph locations and viewpoints are indicated on Figure 2, Site and Sample Location Map.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

Regional Geology

The site is located within the central mountain-valley physiographic area of the Peninsular Ranges Geomorphic Province of southern California. This region is characterized by ridges and intermontane basins. The basins or valleys range between 500 and 5,000 feet in elevation and are likely due to multiple erosion cycles. The encompassing Peninsular Ranges Geomorphic Province is characterized as elongated mountain ranges and valleys that trend northwesterly (Norris and Webb, 1990). This geomorphic province extends from the base of the east-west aligned Santa Monica - San Gabriel Mountains, and continues south into Baja California, Mexico. The mountain ranges within this province are underlain by basement rocks consisting of pre-Cretaceous metasedimentary rocks, Jurassic metavolcanic rocks, and Cretaceous plutonic (granitic) rocks.

Site Geology

The site is mantled by localized thin sections of undocumented fill and Quaternary-age colluvium which in turn, is underlain by plutonic bedrock of the southern California batholith. According to Kennedy and Tan (2005), the plutonic bedrock consists of mid-Cretaceous undivided hornblende-biotite tonalite. These rocks are light gray, coarse grained, and massive.

Site Soils

According to the United States Department of Agriculture Web Soil Survey (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>), the onsite soils consist of the Fallbrook sandy loam (FaD2 and FaE2), the Fallbrook rocky sandy loam (FeE2), and the Ramona sandy loam (RaB). These soils are considered well drained and the capacity of the most limiting layer to transmit water (Ksat) is characterized as moderately high to high.

Hydrogeology

According to the State of California Regional Water Quality Control Board ([CRWQCB], 1994), the subject property is located within the Felicita Creek Hydrologic Subarea (HSA 5.23) of the Hodges Hydrologic Area (HA 5.20) of the San Dieguito Hydrologic Unit (HU 5.0). The San Dieguito Hydrologic Unit is located within Region 9 (San Diego Region) of the State of California Regional Water Quality Control Board (CRWQCB) Hydrologic Basin Planning Area (SA 9.00). According to CRWQCB (1994) beneficial uses of inland surface waters within this hydrologic subarea include municipal and domestic supply, agricultural supply, industrial service and process supplies, contact and non-contact water recreation, warm water habitat, and wildlife habitat. Groundwater within this hydrologic area is designated as having beneficial uses for municipal and domestic supply, agricultural supply, and industrial service supply (CRWQCB, 1994).

Surface features commonly associated with water wells were not observed onsite. Based upon a review of the State of California Department of Water Resources monitoring network (<http://www.water.ca.gov/waterdatalibrary/>), groundwater was encountered in private wells in the site vicinity at reported elevations ranging between approximately 643 and 656 feet NAD 1927/1983, and is probably “perched.” Thus, groundwater is anticipated to occur approximately 94 to 107 feet below the lowest site elevation. Regional groundwater is anticipated to generally be coincident with the elevation of the San Dieguito River flowline below the Lake Hodges spillway or approximately 550 feet below the lowest site elevation. Based on the areal topography (which is often indicative, but not always conclusive of groundwater flow direction), regional groundwater flow direction is estimated to be toward the southwest and southeast, following surface drainage patterns that discharge into Del Dios Creek and Felicita Creek (see Figure 3, Groundwater Gradient Map). Please note that many variables influence groundwater depth and flow direction, and the actual depth and flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI’s site reconnaissance.

Flooding Inundation

Based on our review of the Federal Emergency Management Agency (FEMA) website (<https://msc.fema.gov>), the site is located within Zone X. As such, it appears to be located in an area of minimal flood hazard or above the 500-year flood level.

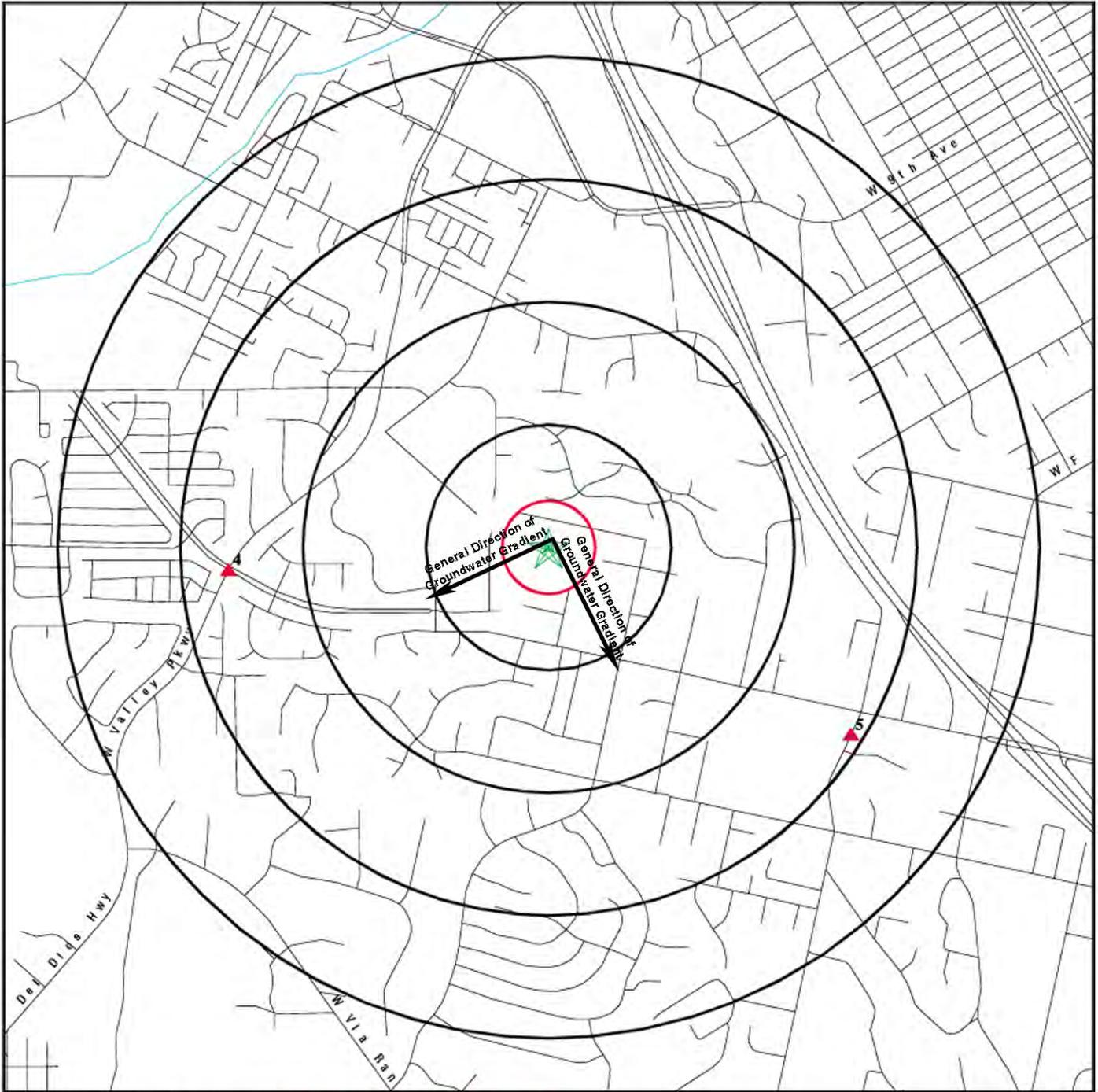
RESULTS OF SITE HISTORICAL REVIEW

General

As part of this assessment GSI reviewed historical aerial photographs, historical topographic maps, city directory listings, a 50-Year Chain-of-Title report, an environmental lien report, and a building permit report provided by Environmental Data Resources, Inc. (EDR) to evaluate potential environmental risks related past activities occurring on the subject site and surrounding properties. GSI requested Sanborn Fire Insurance Maps as part of our historical records review. However, these maps were unavailable. A statement indicating the unavailability of Sanborn Fire Insurance Maps is included in Appendix D on the CD data disc.

Data gaps include the years prior to 1893 and between 1893 and 1901, 1907 and 1921, 1921 and 1927, and 1927 and 1933. These gaps were due to the limited records, which are reasonably ascertainable in this rural area at the time. However, it is our opinion that additional historic information, if it were to become available, is not likely to significantly change the conclusions and recommendations of this assessment.

2115 AMANDA LANE ESCONDIDO, CA 92029



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 33.0984 Longitude: 117.0995)
- ▲ Identified Sites
- Indian Reservations BIA
- National Priority List Sites



GROUNDWATERGRADIENT MAP

FIGURE 3

W.O. E6539-SC	DATE: 4/13	SCALE: N/A
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Summary of Historical Aerial Photograph and Historical Map Reviews

Historical Aerial Photograph Review

Historical aerial photographs were reviewed as a part of this assessment for indications of historical land utilization, and for signs of potential hazardous materials/waste and/or petroleum storage, usage, contamination, or disposal areas. Historical photographs were provided by EDR and included the years 1939, 1947, 1953, 1963, 1974, 1980, 1989, 1995, 2005, and 2009. A summary of our review is provided in Table 1. The Historical Aerial Photos are included in Appendix D on the CD data disc.

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1939	The subject site is vacant and appears to be in its natural state. There are orchards to the north, northwest, and northeast. Land to the southwest and southeast has been cleared. There appears to be residential development to the north and northeast. There are dirt roads and trails to the north, northwest, northeast, and southeast.	1"= 500'
1947	The subject site and surrounding properties appear generally similar to the conditions shown in the 1939 aerial photograph with the exception of new development to the northwest, west, northeast, and southeast. Additionally, down-topographic gradient from the subject property, an offsite dirt road meanders southerly and leads to an apparent stockpile of light-colored material to the west of the site. Regionally, it appears that disc harrowing has been performed, but not on the area containing the light-colored material. It is suspected that this offsite light-colored material is the Mayhew Dump.	1"= 500'
1953	The subject site appears generally similar to the conditions shown in the 1947 aerial photograph. Agricultural land use (orchards) is expanding in all quadrants. There is a new water tank to the northeast and new development to the south, southeast, north, and northeast. The aforementioned offsite light-colored material visible on the property to the west in the 1947 aerial photograph has now been apparently covered with dirt, and the meandering dirt road runs around this area.	1"= 500'
1963	The subject site has been developed and is being used for agricultural purposes as has the site immediately to the east. There is new development to the north, northwest, northeast, and southeast. The meandering dirt road on the property to the west of the subject site now extends south of the offsite covered area.	1"= 500'
1974	The subject site and adjacent easterly property appear generally similar to that shown in the 1963 aerial photograph. There is new development to the north, south, northwest, and southeast. There are new trail systems to the west, northeast, and southwest.	1"= 500'
1980	The subject site and adjacent easterly property appear generally similar to that shown in the 1974 aerial photograph. There appears to be a new orchard to the west. New development is visible to the south, east, southeast, and northwest. Interstate 15 is visible to the northeast.	1"= 500'

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1989	The site no longer appears to be an orchard. Trees are only visible around the residential structure. Tree trunks appear to remain elsewhere on the property. There is new development in all quadrants. Interstate 15 is visible to the northeast and appears to have been widened.	1"=500'
1995	The subject site appears generally similar to that shown in the 1989 aerial photograph. The site immediately to the east no longer contains an orchard. There is new development to the south, southwest, and northeast.	1"=500'
2005	The subject site appears generally similar to that shown in the 1995 aerial photograph. The sites immediately to the east and west contain new residential development. There is new residential development in the remaining quadrants as well.	1"=500'
2009	The subject site and surrounding area appear generally similar to that shown in the 2005 aerial photograph. There appears to be new development, offsite, near the southeast corner of the subject property.	1"=500'

Historical Topographic Maps

In addition to reviewing historical aerial photographs, GSI reviewed historical topographic maps for this update Phase I ESA. This included a review of historical topographic maps for the years 1893, 1901A (San Luis Rey Quadrangle), 1901B (Escondido Quadrangle), 1904, 1947, 1949, 1968, 1975, and 1996 provided by EDR. A summary of our review is provided in Table 2. The historical topographic maps are included in Appendix D on the CD data disc.

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1893	The subject property appears vacant. There are sparse to locally abundant buildings and primary highways in all quadrants. Downtown Escondido is present to the northeast. The Escondido Branch of the California Railroad is to the north/northwest. The elevation of the site ranges between 725 and 900 feet.	1:62,500
1901A	The subject site is vacant. There are new buildings and primary highways to the north, west, northeast, and northwest. There is a trail to the southeast. Site elevations generally range between approximately 700 and 900 feet	1:125,000
1901 B	The subject site and surrounding area appears generally the same as that shown on the 1901A topographic map.	1:62,500
1904	The subject site and surrounding area appears generally the same as that shown on the 1901A and 1901B topographic maps.	1:250:000

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1947	The subject site is vacant. There are new structures and primary highways to the north, west, east, northwest, northeast, and southeast. There are new trails to the north. There are orchards to north, northeast, east, southeast, and northwest. Site elevation appears to be approximately 850 feet.	1:50,000
1949	The subject site is vacant. There are new trails to the northeast and northwest. There is a new water tank to the northeast. There are new primary highways to the northwest and southeast. There appears to be new industry to the north/northeast. Site elevations range between approximately 740 and 840 feet.	1:24,000
1968	A structure is present on the property. It appear that the site is being utilized for agricultural purposes (orchards). There are new trails to the west, southwest, and southeast. There are new structures to the northwest, east, and southeast. There appears to be new industry to the northwest. There is a new sewer treatment plant to the west/northwest next to Escondido Creek. Site elevations range between approximately 740 and 840 feet.	1:24,000
1975	The site and immediate surrounding area appears generally the same as that shown in the 1968 topographic map with the exception of new industry to the northwest and new residential development and associated streets to the northwest, west, and southeast. Site elevations range between approximately 740 and 840 feet.	1:24,000
1996	The site appears the same as that shown on the 1975 topographic map. There are no longer orchards shown on the site. There is new residential development and associated streets to all quadrants. There is a covered reservoir to the north. Retail centers are shown to the northeast. Site elevations range between approximately 740 and 840 feet.	1:24,000

City Directory Listings

Historical city directory listings, published by Code Information Services, Haines Company, Inc., Pacific Bell White Pages, R. L. Polk & Co., Community Directory Co., John M. Ducey, The Pacific Telephone & Telegraph Co., and the San Diego Directory Co for the years 1903, 1907, 1921, 1927, 1933, 1938, 1940, 1943, 1945, 1948, 1950, 1952, 1955, 1956, 1960, 1961, 1962, 1965, 1966, 1970, 1971, 1975, 1976, 1980, 1984, 1985, 1989, 1991, 1992, 1995, 2000, 2006, 2007, and 2012. The listings were provided by EDR. These listings were reviewed for past names of businesses or occupants listed for the subject property and adjoining properties. A summary of the listings are presented in Appendix D on the CD data disc.

Addresses of Potential Concern

Addresses of potential concern are businesses which may present potential environmental concern such as gas stations, automotive repair shops, and dry cleaners. Based on our review, there does not appear to be any addresses of potential concern in the search area.

Chain-of-Title Documents

A 50-Year Chain-of-Title report for the subject site was prepared by EDR. Based on our review of this report, the subject property has not been owned by businesses that commonly handle, generate, store, or dispose of hazardous waste/chemicals. A copy of the 50-Year Chain-of-Title report is included in Appendix D on the CD data disc.

Environmental Liens or Activity Use Limitations

An environmental lien report for the subject site was prepared by EDR. Based on our review of this report, there are no known environmental liens or AULs associated with the subject property. A copy of the environmental lien report is included in Appendix D on the CD data disc.

Building Permits

A report of existing building permits for the subject property and adjoining properties was prepared by EDR. Based on our review of this report, there are no permits associated with the installation or removal of USTs or ASTs at the subject site nor adjoining properties. A copy of the building permit report is included in Appendix D on the CD data disc.

RESULTS OF GOVERNMENT AGENCY DATABASES REVIEW

List of Government Agencies and Databases Reviewed

GSI utilized the electronic database services by EDR to complete the environmental records review. The database search was performed to identify properties that may be listed in the referenced agency records. The following is a list of the agency databases reviewed for this report. Search distances are per the ASTM standard.

LIST OF DATABASES* SEARCHED	
FEDERAL AND STATE ASTM STANDARD	ASTM SUPPLEMENTAL
NPL	PERMITS
CERCLIS	OTHER
CERCLIS-NFRAP	
RCRA TSD	
RCRA COR	
RCRA GEN	
ERNS	
STATE SITES	

LIST OF DATABASES* SEARCHED	
FEDERAL AND STATE ASTM STANDARD	ASTM SUPPLEMENTAL
SPILLS - 1990	
SWL	
REG UST/AST	
LEAKING UST	

*Details and descriptions of these databases can be found in Appendix D on the CD data disc.

The following is a summary of the governmental database records research:

NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for cleanup by the EPA. The site is not on the NPL List and the database search did not identify any NPL sites within a one-mile radius of the subject site.

CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL. The subject site is not listed on the CERCLIS List and the governmental database records search did not identify any CERCLIS sites within a 1/2-mile radius of the subject property. Database records did identify two (2) CERCLIS sites within the same zip code as the subject property. These include the Chatham Brothers Barrel Yard site located at 2257 Bernardo Avenue, Escondido, California 92025 and the Santa Ysabel Creek Groundwater Contamination Plume located 1 1/2 miles southeast of Escondido, California.

The Chatham Brothers Barrel Yard was a recycling and bulk petroleum facility that operated between the years 1940 and 1981. In 1981, the State of California closed the facility. Initial environmental studies conducted by local, State, and Federal agencies began in 1982. As of 1999, California Environmental Protection Agency Department of Toxic Substances Control (DTSC) has removed 11,430 tons of contaminated soils containing solvents, metals, and polychlorinated biphenyls (PCBs). GSI understands from our review of TPC (2010) that the site status is considered active by the DTSC with only the site soils receiving remediation. Mitigation of groundwater contamination still needs to be developed.

According to the governmental database records, the Santa Ysabel groundwater contamination plume is located 1 1/2 miles southeast of Escondido, California. Based on our review of SDRWQCB (2013), GSI understands that the Santa Ysabel groundwater contamination plume consists of three private and one public well impacted primarily by

methyl tertiary butyl ether emanating from the former Santa Ysabel Chevron. The site is currently being managed and the clean up funded by the CRWQCB. Tetra Tech, Inc., the CRWQCB consultant, is currently maintaining carbon treatment systems to ensure continued effectiveness of the systems. GSI also understands that additional mitigation is proposed but yet to be implemented.

Given the down-groundwater gradient location of the Chatham Brothers Barrel Yard and the distance of the Santa Ysabel groundwater contamination plume relative to the site, these CERCLIS listed sites do not pose an REC.

CERCLIS - NFRAP Sites

CERCLIS - NFRAP sites are properties included on the CERCLIS list but has No Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, the contamination was quickly removed, or the contamination was not significant enough to warrant NPL status. The government database records do not include the subject site on the CERCLIS-NFRAP list. Further, no sites within a 1/2-mile radius of the subject property were included on the CERCLIS - NFRAP list during our review of governmental database records.

Federal ERNS List

The Federal Emergency Response Notification System (ERNS) list tracks information on reported releases of oil and hazardous materials. The government database records do not include the site on the Federal ERNS list.

RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) Non-Corrracts TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity. The governmental database records do not include the subject site nor sites located within a 1/2-mile radius of the subject property on the RCRA non-Corrracts TSD Facilities list.

RCRA CORRACTS TSD Facilities

The RCRA Corrracts TSD Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity. The governmental database records do not include the subject site nor sites located within 1-mile radius of the subject property on the RCRA Corrracts TSD Facilities list.

RCRA Generators

The RCRA Generator list includes facilities that generate, transport, store, treat, and/or dispose of hazardous waste. According to the governmental database records, the subject site is not included on the RCRA Generators list. The governmental database records indicate that there is one (1) large quantity generator (LQG) located within ¼-mile radius of the subject site and one (1) LQG located within the same zip code as the subject property. These include the Palomar Medical Center West located at 2185 Citracado Parkway, Escondido, California or approximately 0.17 miles southwest of the subject site. The other site consists of City of San Diego Citracado Waste Treatment Facility located near the intersection of Citracado Parkway and Avenida Del Diablo or approximately ¾ miles northwest of the subject property. Given the down-groundwater gradient location of these sites, they do not present an REC with respect to the subject property.

State- and Tribal-Equivalent NPL

State- and Tribal-Equivalent NPL identifies confirmed release site where the Department of Toxic Substances Control is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. Governmental database records do not include the subject property on the State- and Tribal-Equivalent NPL list. However, these records include the Chatham Brothers Barrel on this list. This site was previously described in the CERCLIS section.

State- and Tribal-Equivalent CERCLIS

The State- and Tribal-Equivalent CERCLIS list identifies sites that have known contamination or sites for which there may be reasons for further investigation such as Federal Superfund (NPL) sites; State Response, including military facilities and state superfund; voluntary cleanup; and school sites. According to the governmental database records, the subject site is not included on the State- and Tribal-Equivalent CERCLIS list. Governmental database records have no State- and Tribal-Equivalent CERCLIS listings for sites located within a ½-mile radius of the subject site. The closest State- and Tribal-Equivalent CERCLIS to the subject site is the Chatham Brothers Barrel Yard which was described previously.

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings include active, closed, and inactive landfills. According to governmental database records, the site is not included on State- and Tribal-Landfill and/or Solid Waste Disposal Sites Listings. These records indicate that there are three (3) State- and Tribal-Landfill and/or Solid Waste Disposal Site listings in the same zip code as the subject site. These include the Dixon Dam Landfill, the Mayhew (Escondido I Burn Site) Dump, and the Benton Dump. The Dixon Dam Landfill is located off La Hondra Drive in Escondido, California or approximately 5.20 miles

northeast of the subject site. The former Benton Dump was located near the intersection of Still Water Glen and David Glen in Escondido, California or approximately 4.60 miles northwest of the subject site. The former Mayhew Dump was located on the adjacent westerly residential housing tract and was previously described in preceding sections of this report. Based on their distance from the subject site, the Dixon Dam Landfill and the former Benton Dump are not considered an REC. The burn ash within the former Mayhew Dump has been remediated under the oversight of the DEH and is located down-groundwater and down-topographic gradient from the subject site. Therefore, it is not considered an REC.

State- and Tribal-Leaking Storage Tank Listings

State- and Tribal-Leaking Storage Tank Listings includes inventories of spills, leaks, investigation, and cleanup cost recovery as well as leaking underground storage tanks on indian land. Governmental database records do not include the subject site on this list. The former Mayhew Dump site on the adjacent westerly property is included on this list. However, as previously concluded, the Mayhew Dump is not an REC, owing to the remedial actions performed on that site, its lower elevation, and its down-groundwater gradient location with respect to the subject site.

State- and-Tribal Registered Storage Tank Listings

State and tribal registered storage tank listings include a catalogue of above ground and underground storage tanks and underground storage tanks on indian land. Governmental database records do not include the subject site on this list. In addition, there are no listings of sites with registered storage tanks or leaking underground storage tanks on the adjoining properties.

State- and Tribal-Voluntary Cleanup Site Listings

State and Tribal Voluntary Cleanup Site Listings include inventories of low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities, and have agreed to provide for DTSC costs. Governmental database records do not include the subject site nor sites within a 1/2-mile radius of the subject site on this list.

State- and Tribal-Brownfield Site Listings

State and Tribal Brownfield Site Listings include a catalogue of real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substances, pollutants, or contaminants. The governmental database records do not include the subject site nor sites within a 1/2-mile radius of the subject site on this list.

Statewide Environmental Evaluation and Planning System (SWEEPS) Underground Storage Tank (UST) Listings

SWEEPS UST Listings include inventories of historical active or inactive UST locations from CRWQCB records. Governmental database records indicate that the subject site is not included on this list. These records do however indicate a UST at the intersection of Highway 76 and Interstate 15 in the Pala, California area. This site is located at a distance much greater than a ¼-mile radius from the subject site and therefore is not considered an REC.

Facility Index System (FINDS) Listings

FINDS is a central and common inventory of facilities monitored or regulated by the EPA with cross-references to the program office data bases that have additional programmatic information about the facility. Governmental database records do not include the subject site on the FINDS listing. These records do include the previously described Santa Ysabel groundwater contamination plume on the FINDS list. As previously indicated, due to the distance of this groundwater contamination plume from the subject site, it does not constitute an REC.

HAZNET Listings

The California EPA, DTSC maintains a list of facility and manifest data. Governmental database records do not include the subject site on HAZNET listings. These records do include 2 sites within a ¼-mile radius from the subject site. These include Pinnick, Inc. located at 2195 W. Citracado Parkway, Escondido, California 92029 and the Asbury Steel Construction Company located at 2185 Citracado Parkway, Escondido, California 92029. The HAZNET listings also include the Palomar Energy Project located at 1000 S. Citracado Parkway, Escondido, California 92029 within the same zip code as the subject site. The Pinnick, Inc. site reportedly consists of a landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization) which contains approximately 45.5 tons of other organic solids. This site was included on the HAZNET database in 2008. The Asbury Steel Construction Company site reportedly consists of the disposal of approximately 0.4 tons of off-specification, aged, or surplus organics by fuel blending prior to energy recovery at another site and the disposal of approximately 0.8 tons of off-specification, aged, or surplus organics by storage, bulking, and/or transfer off site (no treatment/recovery). This site was included on the HAZNET database in 2009 and 2011. The governmental database records do not include specific information for the Palomar Energy Project site. Based on their distance and the general down-groundwater gradient location of these sites with respect to the subject site, the Pinnick Inc. Asbury Steel Construction Company, and Palomar Energy Project sites are not considered an REC.

Regional Environmental Regulatory Agency Record Review

As part of this investigation, GSI contacted regional environmental regulatory agencies to request available environmental records related to the subject property. The environmental agencies contacted include the County of San Diego Department of Environmental Health (SDCDEH), the County of San Diego Air Pollution Control Board (SDCAPCD), and the San Diego Regional Water Quality Control (SDRWQCB). The results of our research with these agencies is summarized below.

SDCDEH

GSI submitted a public records research application form to the SDCDEH. In an email provided by Ms. Joyce Ellman of SDCDEH, GSI learned that there are no records for the subject property on file with the SDCDEH. This email and a copy of the public records request application is provided in Appendix E on the CD data disc.

SDCAPCD

GSI submitted a public records research application form to the SDCAPCD. Based on an April 15, 2013 telephone conversation with Ms. Cynthia Gould of SDCAPCD, GSI understands that the SDAPCD has no records for the subject site in their files. A copy of the public records request application GSI submitted is provided in Appendix F on the CD data disc.

SDRWQCB

GSI submitted a public records research application form to the SDRWQCB. In addition, GSI contacted the SDRWQCB case worker for the Mayhew Dump site. To date, the files at the SDRWQCB have not been available for GSI review.

DISCUSSIONS WITH PERSONS FAMILIAR WITH SITE

For this Phase I ESA, an interview was conducted with Mr. Gil Miltenberger of Arete Homes(current property owner). Mr. Miltenberger completed the ASTM Transaction Screen Questionnaire and GSI's in-house property background checklist. Copies of the ASTM Transaction Screen Questionnaire completed by Mr. Miltenberger and GSI are provided in Appendix F on the CD data disc. The information provided by Mr. Miltenberger on GSI's in-house property background checklist is provided below.

- Land utilization at the subject property is characterized as residential development for the past 50 or more years.

- No hazardous materials/wastes are stored, used, or disposed of on the subject property.
- The subject site does not have a permit to store hazardous materials onsite.
- Mr. Milltenberger indicated that no pesticides/herbicides have been stored, mixed, or applied on the subject property since he has owned the site but was unaware of any past storage, mixing, or application of pesticides/herbicides on the property.
- No abandoned storage tanks exist on the subject property.
- The site has never been used as a manufacturing facility.
- There is no vehicle or equipment maintenance facility on the subject property.
- The burial and/disposal of trash on the subject site has not occurred.
- There are empty 55-gallon drums on the southwest corner of the subject property.
- There are no current or former clarifiers on the subject property.
- There are no known occurrences of hazardous waste spills or leaks on the subject property.
- There are no groundwater wells on the subject site.
- Sewage disposal occurs onsite within an onsite wastewater system.

Solid Waste Landfills (SWLF)

According to governmental database records, the site is not included on State- and Tribal-Landfill and/or Solid Waste Disposal Sites Listings. These records indicate that there are three (3) State- and Tribal-Landfill and/or Solid Waste Disposal Site listings in the same zip code as the subject site. These include the Dixon Dam Landfill, the Mayhew (Escondido I Burn Site) Dump, and the Benton Dump. The Dixon Dam Landfill is located off La Hondra Drive in Escondido, California or approximately 5.20 miles northeast of the subject site. The former Benton Dump was located near the intersection of Still Water Glen and David Glen in Escondido, California or approximately 4.60 miles northwest of the subject site. The former Mayhew Dump was located on the adjacent westerly residential housing tract and was previously described in preceding sections of this report. Based on their distance from the subject site, the Dixon Dam Landfill and the former Benton Dump are not considered an REC. The burn ash within the former Mayhew Dump has been remediated under the oversight of the DEH and is located down-groundwater and down-topographic gradient from the subject site. Therefore, it is not considered an REC.

Oil and Gas Well Activity

GSI did not observe readily visible evidence of oil or gas wells on the subject property during our site reconnaissance. According to the Draft Regional Wildcat Map prepared by the State of California - Department of Conservation (2007), there are no wildcat gas or oil wells on the subject property but there are several gas and oil wells within the site vicinity. However, these wells are located greater than 1 mile and are generally located down- or cross-groundwater gradient from the subject property. Thus, oil and gas wells are not considered an REC.

LIMITED PHASE II SOIL SCREENING EVALUATION

Given the site's close proximity to the Mayhew Dump site, which according to government database records is on State- and Tribal-Landfill and/or Solid Waste Disposal Site, and State- and Tribal-Leaking Storage Tank Listings, GSI performed a limited Phase II soil screening evaluation to assess the possible presence of fugitive burn ash on the subject property.

Initial soil screening involved the collection of six (6) randomly selected, near-surface soil samples, using proper protocol. The samples were sent to a certified Department of Health Services (DHS) for California (CA) Title 22 Metals testing in accordance with EPA Method 6020/7471A. The results of the initial CA Title 22 Metals testing are included in Appendix G on the CD data disc. The locations where soil samples were collected are shown on Plate 1.

A review of the initial testing results indicated concentrations of arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium, and zinc above laboratory reporting limits, in one small localized area. The concentration of these metal compounds were compared to California Human Health Screening Levels for residential land use (CHHSLs-R). CHHSLs were developed by The California Environmental Protection Agency ([CEPA], 2005) as threshold values with generally accepted exposure factors to estimate concentrations of contaminants in residential soil that do not represent a cancer risk to humans greater than one-in-one million (i.e., 1×10^{-6}).

Arsenic concentrations in five (5) of the six (6) samples (i.e., Sample Nos. L-1 @ 1'-1½', L-2 @ ½'-1', L-3 @ 1'-1½', L-4 @ ¾'-1¼', and L-6 @ ½'-1') were above California Human Health Screening Levels for residential land use (CHHSLs-R). Arsenic concentrations in the remaining sample (i.e., Sample No. L-5 @ 1'-1½') was not detectible. Although, arsenic concentrations in the aforementioned five (5) samples were elevated, they were below generally accepted natural background levels for southern California (Chernoff, et al., 2008). In addition, initial CA Title 22 Metals testing indicated that concentrations of cadmium, chromium, copper, and lead in undocumented fill soils, collected in a natural drainage swale, near the westerly property line (i.e., Sample No. L-2 @ ½'-1') were above

CHHSLs-R. Concentrations of CA Title 22 Metals (excluding arsenic) in the remaining five (5) samples were all below CHHSLs-R.

Following the initial CA Title 22 Metals testing, GSI performed supplemental field studies including the excavation of 16 test pits within and immediately adjacent to low lying areas and natural drainage swales on the western margin of the subject site, using proper protocol. These areas were examined further because they were believed to be the most likely places on the property to contain possible fugitive burn ash. The purpose of the supplemental screening assessment was to characterize the vertical and horizontal extent of potentially contaminated soils. In addition, GSI performed supplement subsurface exploration and soil sampling around Sample Location L-2 (see Figure 2) where concentrations of metal pollutants were found to be above CHHSLs for residential land use, using proper protocol. The test excavations were logged by a geologist from this firm who also collected soil samples from each excavation at approximately 1/2-foot to 1 foot depth intervals until a depth of 3 feet below existing grade (beg), 1 foot into natural soils, or practical refusal was attained. The test pit locations are provided on Figure 2. Logs of the excavations are provided in Appendix G on the CD data disc.

Test Pits (TPs) TP-2, TP-7, and L-2 exposed undocumented fill on the order of 1/2-foot to 1 1/2 feet thick. The fill generally consisted of dark grayish brown and dark brownish gray silty sand. The undocumented fill generally contained small metal fragments, green plastic piping, plastic sheeting, glass bottles, tin cans, circular, cleaner container lids similar to those used by Comet cleaning products, and an aluminum Fresca can with a pop-top lid. No readily visible evidence of burn ash was observed.

Fresca cans with pop-tops were introduced in approximately 1964. Based on the age of the trash, it is unlikely that the undocumented fill is associated with the Mayhew Dump which operated between the years 1944 and 1949. Rather, it is likely that the former homeowner placed trash in the drainage swale and burnt it, which was a common practice in rural areas of San Diego County in that era.

Regardless of the age of the undocumented fill, the previous testing indicated that it contained metal pollutants and although burn ash was not readily identified in the undocumented fill, the occurrence of burned material could not be precluded. As such, GSI submitted 26 soil samples to a certified DHS laboratory for testing. Initial testing of the soil samples, collected from the supplemental excavations, included lead in accordance with EPA Method 6010B with extraction in accordance with EPA Method 3050B. The reasoning for performing the initial round of supplemental testing for lead was that lead is commonly associated with burn ash and could be used as a marker for further characterization of the site soils for the possible presence of burn ash.

The results of the supplemental lead testing indicated concentrations of lead above CHHSLs-R in two (2) of the 26 samples. This included Sample Nos. L-2 @ 1/2' and L-7 @ 0'. Based on the test results, the impacted area was delineated using the test

locations that did not contain lead concentrations above CHHSLs-R as its limits. The lead testing results are provided in Appendix G on the CD data disc.

In order to evaluate the possible presence of burn ash in the undocumented fill, GSI submitted Sample Nos. L-2 @ 1½' and L-7 @ 0' for polyaromatic hydrocarbon (PAH) testing in accordance with EPA Method 8270C SIM and Dioxin and Furan testing in accordance with EPA Method 8290. Testing for PAHs indicated non-detectable PAH concentrations in Sample No. L-2 @ 1½'. However, concentrations of Naphthalene, Phenanthrene, Flouranthene, Pyrene, Benzo (a) Anthracene, Chrysene, Benzo (b) Flouranthene, Benzo (a) Pyrene, and Benzo (g,h,i) Perylene were either at or above laboratory reporting limits in Sample No. L-7 @ 0'. Maximum concentrations of Naphthalene, Phenanthrene, Flouranthene, Pyrene, Benzo (a) Anthracene, Chrysene, Benzo (b) Flouranthene, Benzo (a) Pyrene, and Benzo (g,h,i) Perylene were respectively reported as 0.44 mg/kg, 0.52 mg/kg, 0.52 mg/kg, 0.59 mg/kg, 0.10 mg/kg, 0.12 mg/kg, 0.11 mg/kg, 0.14 mg/kg, and 0.13 mg/kg. The PAH testing results are provided in Appendix G on the CD data disc.

Laboratory results for Dioxin (specifically 2,3,7,8-tetrachlorodibenzo-p-dioxin or 2,3,7,8-TCDD) were compared to CHHSLs-R. Other dioxins and furans detected above the laboratory reporting limits do not have published CHHSLs or PRGs. Because the various dioxin compounds are not equally toxic or equally potent as carcinogens, a toxic equivalent (TEQ) scale is used for the purpose of assessing the risks associated with dioxins. 2,3,7,8-TCDD is the most toxic form and is assigned a Toxicity Equivalent Factor (TEF) of 1.0, while all other dioxin-like compounds have TEF values of less than one. The risks from all other dioxin and furan compounds are compared to the most toxic form and summed to give a TEQ or concentration comparable to 2,3,7,8-TCDD. Seventeen dioxin and furan congeners were detected and when summed had a 2,3,7,8-TCDD TEQ of 14.9 picograms per gram (pg/g) for Sample No. L-2 @ 1½' and a 2,3,7,8-TCDD TEQ of 27.5 pg/g for Sample No. TP-7 @ 0'. The 2,3,7,8-TCDD TEQ for both samples exceeds CHHSLs-R (4.6 pg/g). The dioxin and furan testing results are presented in Appendix G on the CD data disc.

Lastly, GSI performed testing for soluble lead and copper concentrations and hexavalent chromium in the undocumented fill. Soluble lead testing was performed in accordance with EPA Methods 6010B STLC ICP Metals (Aqueous) and EPA Methods 6010B and 1311TCLP/SPLP ICP Metals (Aqueous). Soluble copper testing was performed in accordance with EPA Method 6010B STLC ICP Metals (Aqueous). Hexavalent Chromium (Cr VI) testing was performed in accordance with EPA Method 7196A/3060A. The soluble lead and copper testing results, and the Cr VI testing results are provided in Appendix G on the CD data disc.

Soluble lead testing performed on Sample Nos. L-2 @ 1'-½', L-2 @ 1½', and L-7 @ 0' in accordance with EPA Methods 6010B and 1311 TCLP/SPLP ICP Metals (Aqueous) and on Sample Nos. L-2 @ 1½' and L-7 @ 0' in accordance with EPA Method 6010B STLC ICP

Metals (Aqueous). The STLC testing results indicated soluble lead concentrations of 5.81 milligrams/liter (mg/l) and 7.28 mg/l for Sample Nos. L-2 @ 1½' and L-7 @ 0', respectively. The TCLP/SPLP testing results indicated non-detectable concentrations of soluble lead in all three (3) samples.

Soluble copper testing was performed on Sample No. L-2 @ ½' to 1'. The STLC testing results indicated a soluble copper concentration of 7.63 mg/l.

Hexavalent Chromium testing was performed on Sample No. L-2 @ ½'-1'. Testing indicated non-detectable concentrations of Cr VI in soil.

Limited Phase II Conclusions

As previously stated, the age of the trash within the undocumented fill does not correspond to the operating age of the Mayhew Dump, and it is likely that the previous homeowner disposed of trash within a natural drainage swale near the westerly property margin. Although no burn ash was readily identified in our test excavations in the field, the presence of metal, PAH, dioxin, and furan compounds is evidence that the previous homeowner burned some of the trash prior to burial/covering/mixing with soil onsite.

Limited Phase II Recommendations

Testing indicates that the constituents within the undocumented fill present a potential risk to human health. Therefore, GSI recommends that the affected undocumented fill be excavated and transported to a Class III landfill by a licensed hazardous waste contractor. GSI should perform testing of soils exposed on the bottom and sides of the remedial excavation during mitigative operations to further characterize and profile soils for proper disposal.

FINDINGS

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings:

- Based upon our March 27, 2013 field reconnaissance of the property, an interview with a representative of the current property owner and tenant, our review of historic land use by utilizing readily available reports, historical aerial photographs, and historical topographic maps, it is our understanding that the subject property was used for agricultural cultivation (avocado orchards) between the 1960s and 1980s. The site was undeveloped and vacant prior to the 1960s. Currently, the site consists of residential property.

- Based on our review of a preliminary environmental assessment report prepared for the Citracado High School site by The Planning Center ([TPC] 2010), GSI understands that a former burn ash dump site, associated with the Mayhew Dump, was located below portions of Lots 3, 4, 5, and 6, the Greenwood Place cul-de-sac and a utility easement which are part of the adjacent, westerly Escondido Tract 817. It is our understanding that the Mayhew Dump (also referred to as the “Old Escondido Burn Site”) operated between the years 1944 and 1949. During a preliminary geotechnical investigation for the adjacent, westerly Tract 817, burn ash was discovered in test excavations completed within that property. Elevated concentrations of lead and copper were found in the burn ash material. During grading of that site, the burn ash was consolidated and entombed at least 3 feet below the underground utilities in Greenwood Place and the utility easement north of Greenwood Place. The remedial actions were performed under County of San Diego Department of Environmental Health (DEH) oversight. Based on the environmental status and general down-groundwater and down-topographic gradient location of this site, burn ash on the adjacent, westerly property does not constitute a Recognized Environmental Condition (REC).
- Although the Mayhew Dump was located about ± 200 feet to the west of the site, and ± 25 feet lower than the site in this vicinity, GSI performed a preliminary soil screening investigation over the entire site to evaluate the potential occurrence of fugitive burn ash possibly associated with the Mayhew Dump. In one confined and localized low-lying area, testing indicated metal, polycyclic aromatic hydrocarbon, dioxin, and furan compounds in undocumented fill that had been previously placed in a natural drainage swale, adjacent to the westerly property margin. The concentrations of these compounds in the fill may present some risk to human health, and are therefore an REC. Although burn ash was not readily visible in undocumented fill exposures, the presence of these compounds suggests that some of the trash and debris contained in the undocumented fill may have been burned prior to burial. Our review of the trash inventory (i.e., small metal fragments, green plastic piping, plastic sheeting, glass bottles, circular, cleaner container lids similar to those used by Comet cleaning products, and an aluminum Fresca can with a pop-top lid [all younger than the closure of Mayhew Dump]), taken during advancement of the test pits for soil sampling during this study, indicates, by superposition, the age of the trash post-dates Mayhew Dump operations and therefore is not part of the former Mayhew Dump. Rather, it is likely that the former property owner had burned and buried this small amount of trash within the natural low-lying drainage swale.
- There was no readily visible evidence of surficial soil staining on the property during our recent or previous site reconnaissances. In addition, we did not observe any readily visible evidence of above ground or underground storage tanks, oil or gas wells, or hazardous materials/waste and/or petroleum product storage or disposal areas on the property. GSI did observe two empty 55-gallon drums near the

southwest corner of the site. No readily visible evidence of surficial soil staining in the proximity of these drums was apparent, and they are therefore not an REC.

- Owing to the historical agricultural practices on the property, GSI previously performed a limited screening evaluation of restricted use pesticides in preparation of GSI (2011). For this previous evaluation, GSI collected 11 samples of the near surface soils and submitted them to a Department of Health Services (DHS) laboratory for analytical testing of organochlorine pesticides. Testing indicated that one (1) of the 11 soil samples contained concentrations of dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT) and Dieldren above laboratory reporting limits. However, the concentrations of DDD, DDE, DDT, and Dieldren were all below CHHSLs for residential land use. The other 10 samples exhibited non-detectable concentrations of organochlorine pesticides. Based on the above testing results, organochlorine pesticides are not considered an REC.
- Based upon our recent field reconnaissance, the site is currently utilized as residential property. There is one single-family residential structure constructed sometime in 1961 and one detached garage. One storage shed and one outbuilding were also noted near the single-family residential structure. Electrical power is supplied by an overhead power line with a transformer. An asphaltic concrete paved driveway provides access to the property from Amanda Lane. A majority of the property is covered with grasses, weeds, and scattered trees and shrubs. Reportedly, potable water supply is provided by the Escondido Municipal Water District. Onsite sanitary sewerage is disposed of in an onsite wastewater treatment system (septic system). Stockpiles of materials were observed on the site, which included organic debris and miscellaneous trash and debris. There was no significant visible surficial staining on the property. There does not appear to be significant surficial evidence of onsite hazardous materials/waste and/or petroleum contamination; however, the trash/debris, stockpiles, etc., were not disturbed.
- Owing to the age of the onsite structures, a preliminary asbestos and lead-based paint screening review of the subject property was performed in preparation of GSI (2011). This review is provided in Appendix G of that report (see Appendix B of this report on the CD data disc). Limited screening and testing for asbestos containing materials (ACM) and lead-based paints (LBP), performed by Applied Toxicology, Inc., indicated the presence of ACM in flooring tile, flooring mastic, and acoustic ceiling material. Further, ACM was presumed to occur in roofing materials, flooring materials, window sealants, window putty, window glazing, wall and ceiling plaster, acoustic ceiling materials, the HVAC system, attic debris, and exterior stucco. LBP was presumed to exist on all painted surfaces. The reader is referred to Appendix G of GSI (2011) in this regard. GSI (2011) is included in Appendix B on the CD data disc. Accordingly, ACM and LBP are considered an REC.

- Based upon a review of the Department of Water Resources monitoring network, groundwater was encountered in private wells in the site vicinity at reported elevations ranging from approximately 643 to 656 feet below the ground surface (National Aeronautical Datum [NAD] of 1927 and 1983) or approximately 94 to 107 feet below the lowest site elevation, and is probably “perched”. Based on the regional topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally in both southwesterly and southeasterly directions, following surface drainage patterns to Del Dios Creek and Felicita Creek, respectively. Please note that many variables influence groundwater depth and flow direction, and the actual depth and flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI’s site reconnaissance. However, evidence of surficial water flow was observed in a dry creek bed near the easterly property line. Based on site topography, this creek was inferred to flow in a north to south direction.
- GSI requested Sanborn Fire Insurance Maps for the site; however, these maps were unavailable. Government database records research indicated six mapped risk sites and 13 unmapped (non-geocoded) risk sites within the specified search area. Based on their distance and general down-or cross-groundwater gradient location relative to the subject site, and/or their status, and affected media, these sites are not considered an REC. City directory listings did not indicate addresses of potential concern within the radius search area.
- A review of the 50-Year Chain-of-Title report for the subject property indicates that the site has not been owned by businesses that commonly handle, generate, store, or dispose of hazardous materials/chemicals.
- According to an environmental lien report, prepared for the subject property, there are no known environmental liens or activity use limitations (AULs) associated with the site.
- A review of building department records for the subject property and adjoining properties indicates that there are no permits associated with the installation or removal of underground or above-ground storage tanks, or wells at the site nor adjoining properties.
- According to the Draft Regional Wildcat Map prepared by the State of California - Department of Conservation, there are no wildcat gas or oil wells on the subject property but there are several gas and oil wells within the site vicinity. However, these wells are located greater than 1 mile from the subject site and are generally in a down- or cross-groundwater gradient location relative to the subject site. Thus, oil and gas wells are not considered an REC.

- Data gaps include the years prior to 1893 and between 1893 and 1901, 1907 and 1921, 1921 and 1927, and 1927 and 1933. These gaps were due to the limited records, which are reasonably ascertainable in this area at that time. Sanborn Fire Insurance Maps, and Zoning Land Use records were not reviewed owing to the information not being available or the surrounding residential land use. Public records request applications for the subject property were submitted to the County of San Diego Department of Environmental Health and Air Pollution Control District, and the San Diego Regional Water Quality Control Board. The County of San Diego Department of Environmental Health and Air Pollution Control District informed GSI that no records for the subject property exist within their files. GSI is waiting to review the San Diego Regional Water Quality Control Board files. Given that information on contaminated sites is typically shared between County of San Diego Department of Environmental Health and the San Diego Regional Water Quality Control Board, GSI does not anticipate additional findings from the San Diego Regional Water Quality Control Board. However, it is our opinion that additional historic information, if it were to become available, is not likely to significantly change the conclusions and recommendations of this assessment.
- This assessment has revealed no evidence of recognized environmental conditions in connection with the property, other than that mentioned above.

CONCLUSIONS

We have performed this update Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for 2115 Amanda Lane, Escondido, San Diego County, California 92027. Any exceptions to, or deletions from, this practice are described in the section immediately above. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property other than those described below.

- Undocumented fill located within a natural drainage swale contains concentrations of metal, polyaromatic hydrocarbons, dioxin, and furan compounds that may pose a threat to human health, and therefore present an REC. County of San Diego Environmental Health Services may require further testing and evaluation in this regard.
- As indicated in the original Phase I ESA, a detailed agricultural chemical residue survey may be required prior to receipt of a grading permit for the proposed residential development, as a part of the grading plan approval process. Typically, a detailed survey is provided to the County of San Diego Environmental Health Services for review and comment; however, based on the extremely low concentrations previously encountered, it is possible that this requirement may be waived.

- GSI did not observe a well on the property during our site reconnaissance. However, based on the age of the residential structure, a water well may be present onsite.
- Based upon the information obtained during the course of our recent assessment, pursuant to the limitations set forth in the text of this report, the site is considered acceptable for the proposed land use, provided the following mitigation measures discussed in the “Recommendations” section, below, are properly implemented during planning, design, and construction.

RECOMMENDATIONS

- Undocumented fill located within the natural drainage swale near the westerly property line should be excavated and transported to a Class III landfill by a licensed hazardous waste contractor. GSI should perform testing of soils exposed on the bottom and sides of the remedial excavation during mitigative operations to further characterize and profile soils for proper disposal. Although not anticipated, should additional undocumented fill containing similar trash and debris be encountered during site grading, GSI should evaluate these materials for proper handling and disposal.
- Should the existing, onsite wastewater treatment system be encountered during site grading, the system and surrounding soils should be evaluated by GSI for proper handling and disposal.
- ACM and LBP surveys should be performed for the existing structures by a Certified Asbestos Consultant (CAC) prior to demolition.
- Given the age of the previous agricultural activity that occurred on the property, it is possible that asbestos-cement irrigation pipes may be encountered during site grading. Should such pipes be exposed, it will require evaluation to determine proper handling and disposal.
- If encountered, any water wells should be abandoned in accordance with local and state guidelines by a licensed water well contractor following local and state protocol.
- Based upon the information collected by GSI during this environmental site assessment, further studies or action, other than the above, are not recommended from an environmental viewpoint, at this time.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

APPENDIX A
REFERENCES

APPENDIX A

REFERENCES

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APPENDIX B

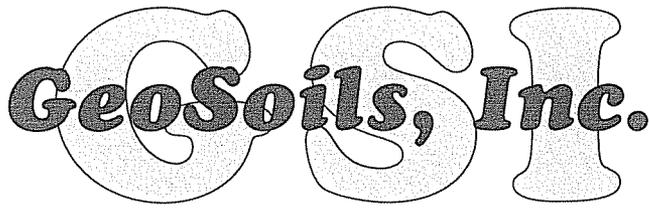
GSI (2011)

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
LIMITED SITE CHARACTERIZATION, AND PRELIMINARY ASBESTOS
AND LEAD-BASED PAINT SURVEY, 11-ACRE PROPERTY
APN 235-202-35-00, 2115 AMANDA LANE
ESCONDIDO, SAN DIEGO COUNTY, CALIFORNIA 92027**

FOR

**ARETE HOMES, LLC
3660 MERCED DRIVE
OCEANSIDE, CALIFORNIA 92056**

W.O. E6269-SC JULY 22, 2011



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5741 Palmer Way • Carlsbad, California 92010 • (760) 438-3155 • FAX (760) 931-0915 • www.geosoilsinc.com

July 22, 2011

W.O. E6269-SC

Arete Homes, LLC
3660 Merced Drive
Oceanside, California 92056

Attention: Mr. Gil Miltenberger

Subject: Phase I Environmental Site Assessment, Limited Site Characterization, and Preliminary Asbestos and Lead-Based Paint Survey, 11-Acre Property, APN 235-202-35-00, 2115 Amanda Lane, Escondido, San Diego County, California 92027

Dear Mr. Miltenberger:

GeoSoils, Inc. (GSI) is pleased to present the results of our Phase I Environmental Site Assessment (ESA), limited site characterization, and preliminary asbestos and lead-based paint survey of the subject property in the Escondido, San Diego County, California. This study was conducted for the purpose of assessing the potential for the presence, to the extent practical, of hazardous materials/waste and/or petroleum contamination (i.e., recognized environmental conditions) at the subject site.

Please note that GSI has performed this Phase I ESA in general conformance with the scope and limitations of ASTM Practice E 1527-05. This practice is intended, by the ASTM Committee E 50, to be a general guideline standard and used on a voluntary basis. Any major exceptions to, or deletions from, this practice are described in the relevant sections of this report.

SUMMARY

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our interview with Mr. Tim Ulman (property owner) and review of historic land use utilizing readily available reports, the overall site was utilized as an avocado orchard since early 1960's until sometime in the late 1980's. Photographs from 1939 indicate the site and surrounding areas appear to be undeveloped. In the 1947 photograph, it appears that a few structures have been built in the surrounding areas. The site appears to be undeveloped and vacant. In the 1953

photograph, the site appears to be undeveloped and vacant, and the sounding property appears to be the same as the 1947 photograph. In the 1963 photograph, the site is utilized for agricultural and the surrounding property to the east is also utilized as agricultural. The remaining surrounding property is undeveloped land with the exception of the few structures noted in the 1947 photograph. In the 1974 photograph, the site and surrounding property are generally the same as the 1963 photograph. In the 1980 photograph, the site remains as agricultural, and the surrounding property to the west and south, is also utilized as agricultural. In the 1990-91 photograph, it appears the avocado trees have been removed from the site, and the surrounding property to the north is now developed with residential homes. A few residential homes are also noted to the south of the property. In the 2002 photograph, the site appears to generally be the same as observed in GSI's recent field reconnaissance. According to Mr. Ulman (property owner), the Ulman family purchased the property some time in the early 1940's, and in 1961, the single-family house was built.

- Based upon the historical use of portions of the subject property for agricultural purposes, there is some potential for historically restricted agricultural chemicals (i.e., pesticides and/or herbicides) to have been applied onsite. As is typical in San Diego County and throughout California, this use may have resulted in detectable concentrations of chemical residues to remain within near-surface earth materials. It is likely that significantly high residue concentrations would not be detected unless agricultural chemicals were stored onsite or were accidentally spilled, improperly applied, or illegally disposed of onsite. Although a majority of currently banned (i.e., restricted) pesticides have not been used for at least 20 years, there remains some potential for historical farming operations to have utilized restricted agricultural chemicals onsite. This application may have resulted in some persistent chemical residues to remain on the subject property. Under normal conditions, most restricted pesticides/herbicides currently used in California readily degrade, and are not overly persistent in nature. There are, however, certain restricted (and currently banned) agricultural chemicals that were commonly used over 20 to 25 years ago throughout California that are known to be a persistent substance in nature.
- Based on the above, a limited agricultural residue survey was conducted during the Phase I ESA in order to determine if the past use of the site included the application of organochlorine pesticides. Eleven (11) soil samples were collected for chemical analysis of pesticides/herbicides. One (1) soil sample was reported greater than the detection limits (10 samples were reported as non-detected) for DDD, DDE, DDT, and Dieldren. The results on this sample were well below the Preliminary Remediation Goals (PRGs) for California Human Health Screening Levels (CHHSLs) for residential property, and therefore, no adverse environmental impacts to the site are anticipated from the previous agricultural use.

- Based upon our recent field reconnaissance on June 22, 2011, the site is currently utilized as a single-family estate. There is one single-family residential structure built sometime in 1961 and one detached garage. One storage shed and one outbuilding were also noted near the single-family residential structure, which is supplied power by an overhead power line with a transformer. A paved driveway provides access to the property from Amanda Lane. The majority of the property is covered with grasses, weeds, and scattered shrubs. Several trees in close proximity to the existing residence, remain on property. Two (2) empty 55-gallon drums were observed in the southwestern portion of the site. Reportedly, the water system source is from the Escondido Municipal Water District. Stockpiles of materials were observed on the site, which included organic debris and miscellaneous trash and debris. There was no significant visible surficial staining on the property. There does not appear to be significant surficial evidence of onsite hazardous materials/waste and/or petroleum contamination; however, the trash/debris, stockpiles, etc., were not disturbed.
- Owing to the age of the onsite structure, a preliminary asbestos and lead-based paint screening review of the subject property was performed. This review is provided in Appendix G. Based on Applied Toxicology's limited sampling and site reconnaissance, asbestos was present within the ceiling material and floor linoleum. Lead paint was also found to be present. The reader is referred to the report in Appendix G in this regard.
- Properties adjacent to and surrounding the site currently consist of a public trail and existing residential homes to the north, existing residential homes to the east, existing residential homes and one equipment storage yard to the south, and existing residential homes to the west. There were no adverse uses observed on the properties surrounding the subject site that appear to be contributing significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations, storage, and for disposal of wastes.
- Based upon a review of the Department of Water Resources monitoring network, groundwater was encountered in private wells in the site vicinity at reported depths ranging from approximately 8 to 19 feet below the ground surface, and is probably "perched" (see below). The well closest to the subject site, located less than 0.5 miles northeast, reported groundwater at a depth of 626.5 feet Mean Sea Level (MSL). Regional groundwater is anticipated to generally be coincident with the elevations of Lake Hodges to the southeast of the subject site. The estimated elevation of regional groundwater is 314 feet MSL, or approximately ± 436 feet below the existing ground surface. Based on the topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally southeasterly direction, following surface drainage patterns to Lake Hodges. Please note that many variables influence groundwater depth and flow direction, and the actual depth and

flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI's site reconnaissance.

- Based upon review of our agency database records search (Appendix E, provided as a CD data disc), there are no listings of permitted above-ground storage tanks (AST) and/or underground storage tanks (UST) on the subject property. There are two (2) mapped risk sites reported in the agency database records search. Mayhew Dump (ESCONDIDO I) located adjacent to the western boundary of the site (up and cross groundwater gradient), is reported as a Solid Waste Landfill with a status of *Closed*. According to our agency database records search, the Mayhew Dump accepted ash debris until the site was closed in 1950. The site is currently developed with residential homes. Chatham Brothers Barrel Yard at 2257 Bernardo Avenue, located approximately 0.68 miles southeast to the property (down groundwater gradient) is reported as a State Response site with a status of *Active*.

Based upon the status, and/or the location (distance and/or down groundwater gradient) of all these sites discussed above, it is GSI's opinion that these risk sites present a low potential to environmentally impact the subject property, provided lawful procedures for petroleum products and chemical use and storage are/have been followed.

- The unmapped risk sites, which is a list of all sites whose location is not readily identified and may be near the site, were reviewed. According to our agency database records search, three unmapped risk sites were listed. GSI's reviewed the location of this sites, and based on distance (greater than 1 mile) and/or status, it is GSI's opinion that the unmapped risk sites present a low potential to environmentally impact the subject property.
- No significant data gaps were encountered in preparation of this update ESA. One data gap, from 1900 to 1939, was due to the limited records, which are reasonably ascertainable in the local area. However, it is our opinion that additional historic information, if it were to become available, is not likely to significantly change the conclusions and recommendations of this assessment.
- Other than the above, this assessment has revealed no evidence of recognized environmental conditions in connection with the property.

Based upon the scope of work completed, GSI concludes that the overall potential for significant agricultural hazardous materials/waste and/or petroleum contamination onsite is low to perhaps moderate; however, the uncertainty of potential environmental concerns can not be eliminated. Based upon the information obtained during the course of our recent assessment, from an environmental viewpoint, pursuant to the limitations set forth in the text of this report, the site is considered acceptable for the proposed residential use,

provided the following mitigation measures are properly implemented during planning, design, and construction:

- All trash, debris, and waste materials should be disposed of offsite, in accordance with current local, state, and federal disposal regulations. Any materials containing petroleum residues encountered during property improvements should be evaluated prior to removal and disposal, following proper procedures. Any buried trash/debris encountered should be evaluated by an experienced environmental consultant prior to removal.
- Based upon the limited scope of work completed, GSI generally concludes that it is not likely that concentrations of pesticides/herbicides in earth materials on the subject property exist that might represent a risk to human health, if they exist at all. For these tested concentrations, remedial earthwork is generally not recommended. However, a detailed agricultural chemical residue survey may be required prior to receipt of a grading permit for the proposed residential development, as a part of the grading plan approval process. Typically, a detailed survey is provided to the County of San Diego Environmental Health Services for review and comment; however, based on the extremely low concentrations encountered, it is possible that this requirement may be waived.
- Based on that asbestos and lead is present, an asbestos containing materials (ACM) and lead containing paint (LCP) survey should be performed on the site by a licensed asbestos/lead contractor prior to demolition of the existing structure onsite.
- Based upon the historic property use, holding and/or septic tanks (systems) exist on the property. Although not considered a hazardous waste, any holding tanks or buried septic systems should be properly removed or abandoned following health department guidelines.
- GSI did not observe a well on the property during our site reconnaissance. However, based on the age of the residential structure, a water well may be present onsite. If encountered, the water well should be abandoned in accordance with state guidelines by a licensed water well contractor following state protocol.
- Based upon the information collected by GSI during this environmental site assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint, at this time.

GSI declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed all the appropriate inquiries in general conformance with the standards and

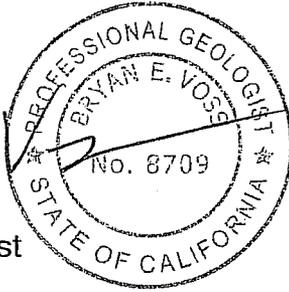
practices set forth in 40 CFR Part 312. Resumes of GSI personnel who worked on this projects are included in Appendix H.

We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (760) 438-3155.

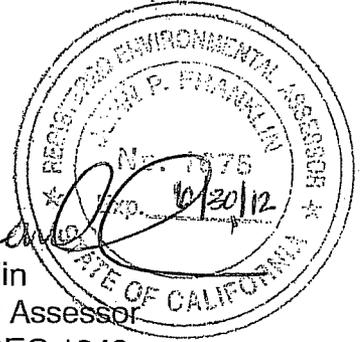
Respectfully submitted,

GeoSoils, Inc.

BEV
Bryan E. Voss
Project Geologist
PG 8709



John P. Franklin
John P. Franklin
Environmental Assessor
REA-1 1675, CEG 1340



BEV/JPF/jh

Distribution: (4) Addressee

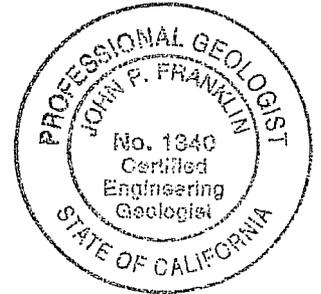


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ATTACHMENTS:

Appendix A - References Rear of Text
Appendix B - Site Photographs Rear of Text
Appendix C - ESA Transaction Screen Questionnaire Rear of Text
Appendix D - Historical Aerial Photographs, Historical Topographic Maps, and Fire Insurance Maps Rear of Text
Appendix E - Agency Records Search (Provided on the Compact Disc as a PDF Document) Rear of Text
Appendix F - Laboratory Test Results Rear of Text
Appendix G - Preliminary Asbestos and Lead-Based Paint Review .. Rear of Text
Appendix H - Resumes Rear of Text

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
LIMITED SITE CHARACTERIZATION, AND PRELIMINARY ASBESTOS
AND LEAD-BASED PAINT SURVEY, 11-ACRE PROPERTY
APN 235-202-35-00, 2115 AMANDA LANE
ESCONDIDO, SAN DIEGO COUNTY, CALIFORNIA 92027**

INTRODUCTION

Purpose and Scope

In accordance with our proposal and the Client's (Arete Homes, LLC) authorization, GeoSoils, Inc. (GSI) has completed this Phase I Environmental Site Assessment (ESA) report covering the subject property, the location of which is illustrated on Figure 1 (Site Location Map). The subject property is described as:

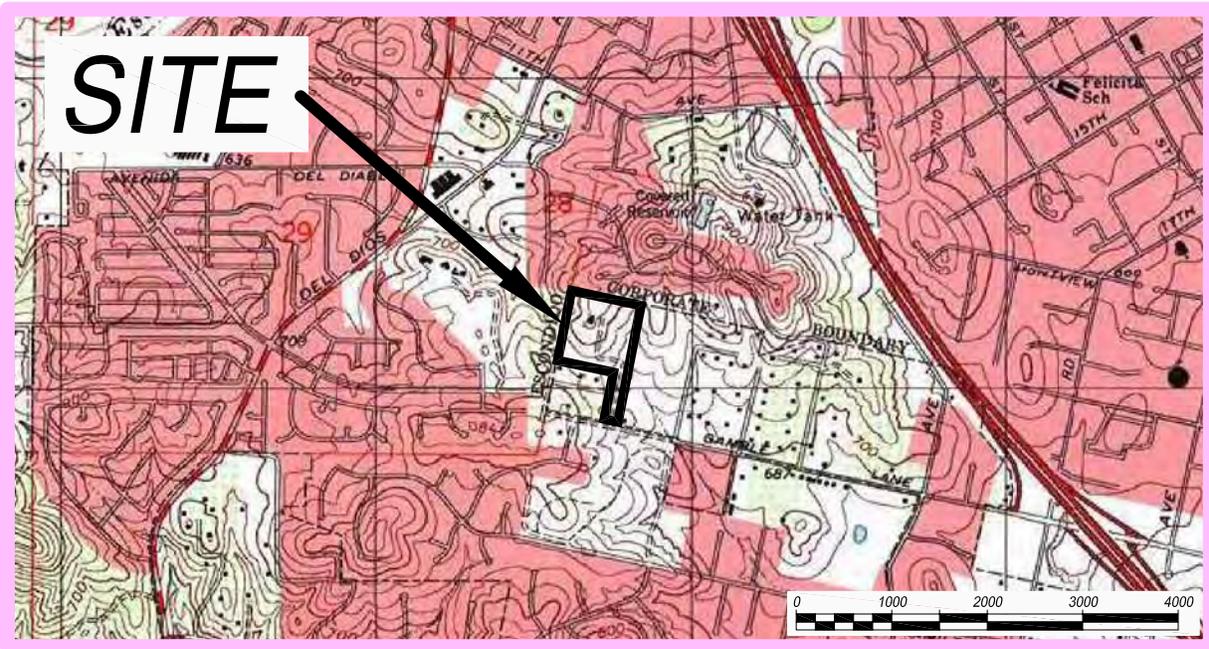
**2115 Amanda Lane, APN 235-202-35-00
Escondido, San Diego County, California 92027**

This ESA was prepared for the purpose of assessing, to the extent practical, the potential for *recognized environmental conditions* from past or present uses at the subject property. This assessment focused on the potential sources of hazardous substances and petroleum products that could be considered a *recognized environmental condition* and a liability due to their presence in significant concentrations (e.g., above acceptable threshold limits set by the federal, state or local government) or due to the potential for exposure and risk due to contaminate migration and exposure pathways (e.g., soil vapor inhalation or groundwater ingestion). Materials that contain substances that are not currently deemed hazardous by the United States Environmental Protection Agency (U.S. EPA) or the California EPA (Cal-EPA), were not considered as part of this study. A *recognized environmental condition* is defined by ASTM Standard E 1527-05 as:

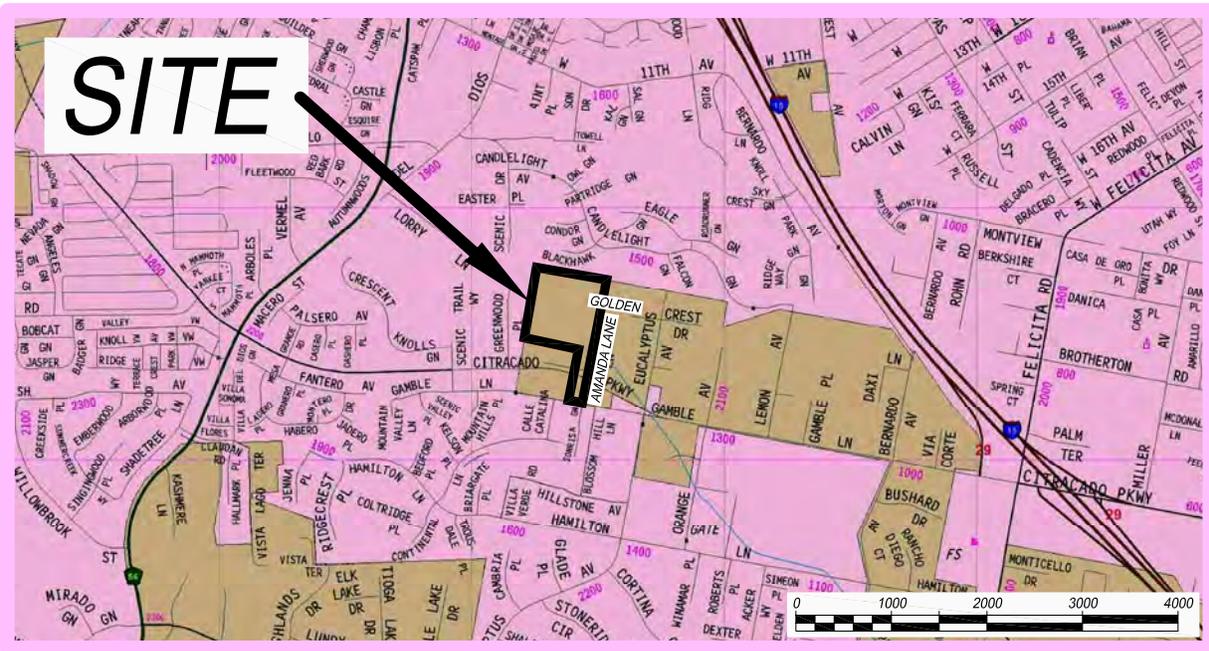
The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term 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.

The scope of work included:

1. A review of the subject property's geologic and hydrogeologic setting (Appendix A);



Base Map: TOPO!® ©2003 National Geographic, U.S.G.S Escondido Quadrangle, California -- San Diego Co., 7.5 Minute, dated 1996, current, 1999.



Base Map: The Thomas Guide, San Diego Co., Street Guide and Directory, 2005 Edition, by Thomas Bros. Maps, page 1129.

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	W.O. E6269-SC
<h1>SITE LOCATION MAP</h1>	



Figure 1

2. A reconnaissance of the subject property and surrounding areas to visually assess current utilization and for indications of potential surface contamination (Appendix B);
3. A Limited Site Characterization in order to determine if past use of the site included organochlorine pesticides/herbicides;
4. A preliminary asbestos and lead-based paint screening review of the subject property (Appendix G);
5. A review of historical maps and previous available reports for the site to assess the subject property's historical land utilization and for indications of potential contamination or sources of contamination;
6. A review of government database documents concerning available pertinent environmental information for the subject property (Appendix E, only on the compact disc as a PDF document); and,
7. Preparation of this report which relates the findings of these studies and presents GSI's conclusions and recommendations.

Limitations and Exceptions

This study does not include any of the following:

- Subsurface or geotechnical evaluation of the subject property;
- Water sampling and analyses, including potable water sources;
- Identification or evaluation of wetlands;
- Identification or evaluation of biological concerns;
- Consideration of possible future contamination of the subject property from adjacent or surrounding facilities or properties, or derailment; and,
- Methane, radon gas, mold, or electromagnetic evaluation(s).

Terms and Conditions

This report is intended for the use of the Client (Arete Homes, LLC). This report is based upon field conditions observed during our reconnaissance of the site on June 22, 2011. Site conditions may change from time to time, in response to natural and human-made conditions. For the protection of the Client and GSI, the contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI.

This report does not consider possible future contamination of the subject property from adjacent or surrounding facilities or properties. All judgements concerning adjoining properties apply only to conditions observed during the time of the on-site reconnaissance.

SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS

Site/Project Description

The site consists of approximately 11 acres located at 2115 Amanda Lane in the unincorporated area of Escondido, California (see Figure 1, Site Location Map). The property is bounded by Amanda Lane to the south, and existing residential development on the remaining sides. Topographically, the site is situated across a low, south-trending ridge line. The eastern flank of the ridge line slopes eastward, at gradients on the order of 5:1 (horizontal:vertical [h:v]), while the western flank slopes westward, at gradients on the order of 4:1 (h:v). Maximum elevations across the site range from approximately 820 to 840 feet Mean Sea Level (MSL) along the crest of the ridge line, to minimum elevations ranging from approximately 750 to 780 feet MSL near the base of the lower, flanking slopes, for an overall topographic relief across the site of approximately 90 feet. Site drainage appears to be directed offsite to the west and southeast, via tributary drainages. Existing site improvements consist of a single-family residential structure, detached garage, storage shed, and small outbuilding, located along the ridge line, an overhead powerline and a transformer, with the remaining property relatively undeveloped. Site vegetation consists of several trees in close proximity to the existing residence, with grasses, weeds, and scattered shrubs throughout the remaining property.

Proposed Development

It is our understanding that the proposed development would consist of subdivided the property into smaller residential parcels, with lots conceptually ranging from approximately 1/3 to 1 acre in size with underground utility improvements, and streets.

Observational Reconnaissance

Onsite Reconnaissance

On June 22, 2011, a GSI representative (Mr. Bryan E. Voss) visited the subject site to assess current site utilization and observe for signs of possible surface contamination, which included both driving and walking the property. Features observed during the site reconnaissance are described below and illustrated on the Site and Sample Location Map (see Figure 2). Photographs of the subject property are presented in Appendix B.

In general, the site is currently utilized as a single-family estate. There is one single-family residential structure built sometime in 1961 and one detached garage. One storage shed and one outbuilding were also noted near the single-family residential structure. A paved driveway provides access to the property from Amanda Lane. The majority of the property is covered with grasses, weeds, and scattered shrubs. Several trees in close proximity to the existing residence, remain on the property. Two (2) empty 55-gallon drums were observed in the southwestern portion of the site. Reportedly, the water system source is from the Escondido Municipal Water District. Stockpiles of materials were observed on the



Public trail and existing residential properties

Approximate location of property line

S-3

S-1

Miscellaneous trash & debris

S-2

Powerline

S-4

Concrete debris

Shed

Stockpile of organic debris

Pond

S-5

Existing residential structure

EXISTING RESIDENTIAL PROPERTIES

EXISTING RESIDENTIAL PROPERTIES

GOLDEN CREST DRIVE

S-11

Stockpile of organic debris

5 gallon empty gas can

S-8

Asphalt Driveway

S-6

GREENWOOD PLACE

S-10

Two (2) 55 gallon empty drums. No surficial staining was noted

S-9

S-7

Approximate location of property line

Existing Residential Properties

Existing Residential Properties

Existing Residential Property and Equipment Storage



Powerline

AMANDA LANE

site, which included organic debris and miscellaneous trash and debris. There was no significant visible surficial staining on the property. There does not appear to be significant surficial evidence of onsite hazardous materials/waste and/or petroleum contamination; however, the trash/debris, stockpiles, etc., were not disturbed.

- **Buildings on Property, and General Usage** - The site is currently utilized as a single-family estate. There were three structures noted, one (1) structure is a single-family residence built sometime in 1961, one (1) is a wood storage shed, and one (1) is an outbuilding.
- **Storage Tanks** - There were no "Underground Storage Tank" (UST) listings onsite referenced in our agency records review (see Appendix E). Our field observations indicated that there are no obvious signs of underground storage tanks within the site. Two empty ±55 gallon drums were observed on the subject property. No significant visible surficial staining was noted in this area.
- **Chemical Storage** - There is currently no known storage of hazardous chemicals on the subject property.
- **Potential Sources of Polychlorinated Biphenyls (PCBs)** - There is an above-ground power line with a transformer located on the property. Previous conversations with San Diego Gas and Electric (SDGE) has indicated that the possibility of PCB's leaking from their transformers is extremely unlikely, and the transformers are now probably filled with mineral oil. SDGE has indicated that should the transformers leak, it should be their responsibility to perform cleanup. Accordingly, the transformers should not be of concern with respect to PCBs.
- **Electromagnetic Evaluation** - No high-voltage overhead distribution and/or transmission lines were observed on the site; however, a powerline with transformers supplies electricity. Evaluation of electric and magnetic fields (EMF) onsite is beyond this current scope of work. Based upon a public information booklet by a southern California power company, the magnetic field from transmission lines get weaker with distance. Magnetic fields are reported to vary from 1 to 300 milliGauss (mG) at the edge of the right of way. For comparison purposes, magnetic fields range from 0.1 mG to 8 mG on microwave ovens or televisions at a distance of 39 inches. Although there is some speculation that EMFs represent a risk to human health, medical and scientific research has yet to determine exposure levels related to health risks. In a 1995 article in the San Diego Union-Tribune, it was reported that studies (to date) have been inconclusive as to the possible dangers from EMFs. Additional information is available from Southern California Edison (SCE), the United States Environmental Protection Agency, The National Academy of Sciences or the American Medical Association.

- **Utility Structures, Roads, Disposal Systems, Water Wells** - Amanda Lane is paved. The site vicinity is served by municipal storm drain, water, and sewer. Obvious evidence of water wells and/or onsite sewage disposal was not observed.
- **Environmental Releases and Spills** - Unusual or significant surface staining (i.e., spills and/or releases) were not noted on the subject property by GSI during our site reconnaissance; however, the trash/debris, stockpiles, etc., were not disturbed. Significant surficial staining and petroleum odors were not encountered.
- **Asbestos** - A limited screening of the presence of asbestos on the site was performed. The residential structure was identified to have asbestos containing materials (ACM).
- **Radon** - A detailed radon survey was not a part of this ESA; however, the potential for radon gas accumulation is low in southern California. A recent publication by the American Society of Testing and Materials (ASTM) suggests that the pacific coastal range areas are expected to have a low to moderate radon potential. In addition, a study reported by the Los Angeles Times (Nagda, 1994) and California Environmental Protection Agency (CAL EPA) suggested a very localized geographic radon problem within the state. California school officials found virtually no elevated radon levels in public schools (Nagda, 1994). Because of this, and due to the generally mild climate in southern California and the nature of standard building industry construction techniques in southern California (i.e., vapor retarders under slabs), the potential for radon gas accumulation is not considered a significant environmental threat.

In 1990, the State of California (1990) conducted a radon survey in the state. The results of the survey indicate that for the 182 samples obtained in Region 9, which included Los Angeles, Riverside, San Bernardino, Orange, San Diego and Imperial Counties, the arithmetic mean radon levels were 0.6 pCi/l. This average total is below the radon action level of 4 pCi/l.

- **Lead Paint** - A limited screening of the presence of lead paint on the site was performed. The residential structure was identified as having lead containing paint (LCP).

Border Zone Reconnaissance

Properties adjacent to and surrounding the site currently consist of a public trail and existing residential homes to the north, existing residential homes to the east, existing residential homes and one equipment storage yard to the south, and existing residential homes to the west. There were no adverse uses observed on the properties surrounding the subject site that appear to be contributing significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations, storage, and for disposal of wastes.

Photographic Record

Representative color photographs have been taken of the various items mentioned in the site reconnaissance observations presented above. These photographs are presented in Appendix B.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

Geology

The subject property is located within a prominent natural geomorphic province in southwestern California known as the Peninsular Ranges. It is characterized by steep, elongated mountain ranges and valleys that trend northwesterly. The mountain ranges are generally underlain by basement rocks consisting of pre-Cretaceous metasedimentary rocks, Jurassic metavolcanic rocks, and Cretaceous plutonic rocks of the southern California batholith.

In the San Diego County region, deposition occurred during the Cretaceous Period and Cenozoic Era in the continental margin of a forearc basin. Sediments, derived from Cretaceous-age plutonic rocks and Jurassic-age volcanic rocks, were deposited into the narrow, steep, coastal plain, and continental margin of the basin. These rocks have been uplifted, eroded, and deeply incised. During early Pleistocene time, a broad coastal plain was developed from the deposition of marine terrace deposits. During mid- to late-Pleistocene time, this plain was uplifted, eroded, and incised. Alluvial deposits have since filled the lower valleys, and young marine sediments are currently being deposited/eroded within coastal and beach areas.

Site Geology

In general, the site is underlain by surficial deposits and Cretaceous-age granitic bedrock belonging to the Peninsular Ranges batholith at depth (Kennedy and Tan, 2008). Surficial deposits of undocumented artificial fill and colluvium (topsoil) mantle most of the site. Our review indicates no known active faults are crossing the site area, and the site is not within an Alquist-Priolo Earthquake Fault Zone (Hart and Bryant, 2007).

Hydrogeology

The subject property is located within the Felicita Subarea (HSA 5.23) of the Hodges Hydrologic Area (HA 5.20) of the San Dieguito Hydrologic Unit (California Regional Water Quality Control Board - San Diego Region, 1994). The San Dieguito Hydrologic Unit falls within Region 9 (San Diego Region) of the State of California Regional Water Quality Control Board (CRWQCB) Hydrologic Basin Planning Area (SA 9.00). Groundwater within this area is designated as having beneficial uses for municipal and domestic supply,

agriculture supply, industrial process and service supply, contact and non-contact recreation, warm and cold freshwater habitat, and wildlife habitat (CRWQCB, 1994). Surface features commonly associated with water wells were not observed onsite.

Based upon a review of the Department of Water Resources monitoring network, groundwater was encountered in private wells in the site vicinity at reported depths ranging from approximately 8 to 19 feet below the ground surface, and is probably “perched” (see below). The well closest to the subject site, located less than 0.5 miles northeast, reported groundwater at a depth of 626.5 feet MSL. Regional groundwater is anticipated to generally be coincident with the elevations of Lake Hodges to the southeast of the subject site. The estimated elevation of regional groundwater is 314 feet MSL, or approximately ± 436 feet below the existing ground surface. Based on the topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally southeasterly direction, following surface drainage patterns to Lake Hodges (see Figure 3, Groundwater Gradient Map). Please note that many variables influence groundwater depth and flow direction, and the actual depth and flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI’s site reconnaissance.

RESULTS OF SITE HISTORICAL REVIEW

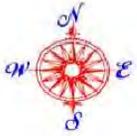
Discussions with Persons Familiar with Site

Mr. Tom Ulman (current property owner) was interviewed on July 12, 2011, by a representative of GSI. The interview included the Transaction Screen Questionnaire in accordance with ASTM excerpt of E1528-96: *Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process*. A copy of the interview is included in Appendix C and highlights of the interview are summarized below.

According to Mr. Ulman, the property has been owned by the Ulman’s from around the early 1940’s. Mr. Ulman did not have any knowledge about environmental liens against the property. In addition, to the best of Mr. Ulman’s knowledge, there have never been environmental site assessments of the property that indicate the presence of hazardous substances or petroleum product contamination of the property or recommended further assessments of the property.

Summary of Historical Maps and Aerial Photographs Review

Historical aerial photographs were reviewed as a part of this assessment for indications of historical land utilization, and for signs of potential hazardous materials/waste and/or petroleum storage, usage, contamination, or disposal areas. Historical photographs were

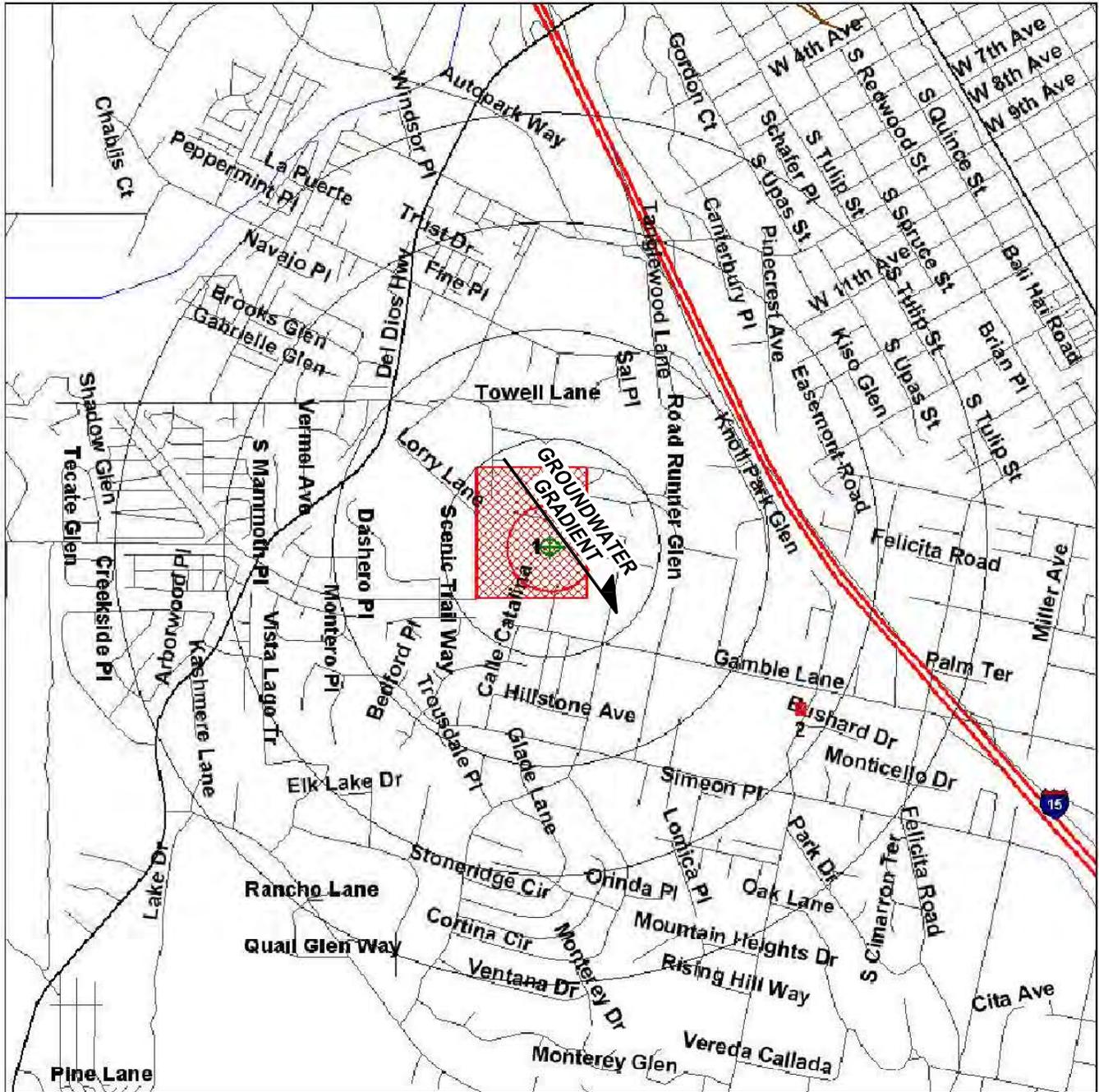


Environmental FirstSearch

1 Mile Radius
Single Map:



2115 AMANDA LANE, ESCONDIDO CA 92029



Source: U.S. Census TIGER Files

- Target Site (Latitude: 33.098247 Longitude: -117.099105)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft Radius

GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

Groundwater Gradient Map

Figure 3

W.O. E6269-SC

DATE: 7/11

SCALE: N/A

provided by Track Info Services, LLC and included the following years: 1939, 1947, 1953, 1963, 1974, 1980, 1990-91, and 2002. A summary of our review is provided in Table 1. The Historical Aerial Photos are included in Appendix D.

In our historical photograph review, there was no surficial evidence of site improvements noted that represent a significant potential source of petroleum contamination and/or hazardous waste observed immediately adjacent to or within the subject property.

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	SUMMARY	SCALE
1939	The site and surrounding areas appear to be undeveloped.	1"=375'
1947	Site and surrounding areas appear similar to the 1939 photo with a few structures built in the surrounding areas.	1"=375'
1953	Site and surrounding areas appear similar to the 1947 photo.	1"=375'
1963	The site is utilized for agricultural and the surrounding property to the east is also utilized a agricultural. The remaining surrounding property appear similar to the 1953 photo.	1"=375'
1974	Site and surrounding areas appear similar to the 1963 photo.	1"=375'
1980	The site is remains as agricultural and the surrounding property to the west and south is also utilized a agricultural.	1"=375'
1990-91	It appears the avocado trees have been removed from the site and the surrounding property to the north is now developed with residential homes. A few residential homes are also noted to the south of the property.	1"=375'
2002	Site and vicinity appear similar to 1990-91 photo with more residential development to the east, south, and west.	1"=375'

Historical Topographic Maps

Historical topographic maps were reviewed during this ESA. According to the contour lines on the topographic maps, the property is located at approximately 750 to 780 feet MSL. The contour lines in the area of the property indicate the area is sloping gently to the southeast, coincidental with the local topographic gradient (USGS). The property is depicted within urban development. The maps reviewed are included in Appendix D.

Fire Insurance Maps

GSI requested historical Sanborn Fire Insurance maps for the property from Environmental FirstSearch, and was subsequently informed that no maps are available for the subject location. A copy of the "NO MAPS AVAILABLE" notification is included in Appendix D.

City Directories

Historical City directories, published by Haines, Ducey's, and Luskey's, provided from Track Info Services, LLC, were reviewed for past names of business that were listed for the Property and adjoining properties. The findings are presented in the following table:

YEAR	ON-SITE	ADJOINING PROPERTIES
1980	Ulman Wm J (2115 Amanda Ln)	Only Listing Is Odd Side of Street Is 2115
1984	Ulman Wm J (2115 Amanda Ln)	Satterfield J (2149 Amanda Ln)
1989	Ulman Wm J (2115 Amanda Ln)	Satterfield J (2149 Amanda Ln)
1992	Ulman Wm J (2115 Amanda Ln)	Satterfield J (2149 Amanda Ln)
1997	Ulman Wm J (2115 Amanda Ln)	Satterfield J (2149 Amanda Ln)
2002	Ulman Wm J (2115 Amanda Ln)	Ewing William H; Atwater Michael (2149 Amanda Ln)
2007	Ulman Wm J (2115 Amanda Ln)	Ewing William H (2149 Amanda Ln)
2011	Ulman Wm J (2115 Amanda Ln)	Ewing William H (2149 Amanda Ln)

Addresses of *Potential Concern*: A summary of gas stations, cleaners, automotive shops, and other address occupants of potential environmental concern located on the subject street, or within the vicinity of the target address was also provided by Track Info Services, LLC. No addresses of *Potential Concern* were identified on the subject street, or within vicinity of the target address were noted.

Review of Previous Reports

A previous Phase 1 ESA may have been performed for the site; however, the report could not be located. GSI reviewed the geotechnical reports by GSI in the vicinity of the site (GSI, proprietary in-house information). Portions of the previous GSI geotechnical reports aided in the preparation of this Phase I ESA.

Chain-of-Title Documents

No chain-of-title search was made by GSI as Client did not furnish or request any documents, and such a search was beyond the scope of this report.

RESULTS OF GOVERNMENT AGENCY/DOCUMENTS REVIEW

List of Government Agencies and Databases Reviewed

The purpose of this task is to obtain and review records that will help identify Recognized Environmental Conditions in connection with the subject property. In compliance with ASTM Standard of Practice E 1527-05, a search of selected federal and state government databases was conducted for GSI, by Track Info Services, LLC. Building Department or Zoning/Land Use Records were not readily available, and thus were not reviewed for this study. Following is a list of the agency databases reviewed for this report. Search distances are per the ASTM standard.

LIST OF DATABASES SEARCHED	
FEDERAL AND STATE ASTM STANDARD	ASTM SUPPLEMENTAL
NPL	PERMITS
CERCLIS	OTHER
NFRAP	
RCRA TSD	
RCRA COR	
RCRA GEN	
ERNS	
STATE SITES	
SPILLS - 1990	
SWL	
REG UST/AST	
LEAKING UST	

*Details and descriptions of these databases can be found in Appendix D.

Results of Government Agency/Document Review

A review of the Government Records Database search report, dated June 20, 2011, there are no listings of permitted above-ground tank (AST) and/or underground tanks (UST) on the subject property. There are two (2) mapped risk site reported in the agency database records search. The base map for Figure 3 (Groundwater Gradient Map) is a graphic depiction of the search. Complete details for the database search may be found in Appendix E (only on the compact disc as a PDF document).

- Based upon review of our agency database records search (Appendix E, provided as a CD data disc), there are no listings of permitted above-ground storage tanks

(AST) and/or underground storage tanks (UST) on the subject property. There are two (2) mapped risk sites reported in the agency database records search. Mayhew Dump (ESCONDIDO I) located adjacent to the western boundary of the site (up and cross groundwater gradient), is reported as a Solid Waste Landfill with a status of *Closed*. According to our agency database records search, the Mayhew Dump accepted ash debris until the site was closed in 1950. The site is currently developed with residential homes. Chatham Brothers Barrel Yard at 2257 Bernardo Avenue, located approximately 0.68 miles southeast to the property (down groundwater gradient) is reported as a State Response site with a status of *Active*.

Based upon the status, and/or the location (distance and/or down groundwater gradient) of all these sites discussed above, it is GSI's opinion that these risk sites present a low potential to environmentally impact the subject property, provided lawful procedures for petroleum products and chemical use and storage are/have been followed.

- The unmapped risk sites, which is a list of all sites whose location is not readily identified and may be near the site, were reviewed. According to our agency database records search, three unmapped risk sites were listed. GSI's reviewed the location of this sites, and based on distance (greater than 1 mile)and/or status, it is GSI's opinion that the unmapped risk sites present a low potential to environmentally impact the subject property.

Solid Waste Landfills (SWLF)

There was one (1) solid waste landfills reported in the radius search. Reportedly, the Mayhew Dump accepted ash debris until the site was closed in 1950. The site is currently developed with residential homes and as such is not considered a recognized environmental concern.

Oil and Gas Well Activity

No oil or gas wells were observed on the subject property during our site reconnaissance on January 20, 2010. An in-house review of the Munger Map Book for oil and gas fields in California and Alaska (Munger, 2003) indicated there are no oil/gas wells located in the immediate vicinity of the subject property.

LIMITED SITE CHARACTERIZATION

Our research indicates the site has had farming activities dating back to at least the early 1960's until sometime in the late 1980's. Due to this extended agricultural history GSI performed a Limited Site Characterization which involved sampling of the near surface soils for organochlorine pesticides. Organochlorine pesticides, such as DDT, were historically used for pest control on farms. These types of pesticides can be highly persistent in the

environment. The sampling was conducted randomly over the site using a hand auger to obtain samples at 6 to 12 inches below the existing ground surface. The location of the samples taken are presented on the Site and Sample Location Map (see Figure 2).

Soil Sampling Methodology and Procedures

The field sampling equipment consisted of clean hand auger, clean hand towels, and clean 4 oz glass jars.

To minimize the chance of cross-contamination between samples, all sampling equipment was decontaminated prior to its use in the following manner:

- Wash with water and trisodium phosphate (TSP) solution.
- Rinse twice with distilled water.

A total of eleven soil samples were obtained from a depth of 6 to 12 inches below the existing surface by transferring soil from the hand auger into a clean 4 oz glass jar. The soil was examined for signs of staining, discoloration, or orders. The samples did not exhibit any noticeable staining, discoloration or orders. The glass jar was sealed with a Teflon lined cap and immediately placed in a cooler for transport to the laboratory. Chain-of-Custody (CoC) documentation was maintained and accompanied the samples to the laboratory.

All field work was documented in the following manner. The samples labels were filled out with the sample number, location, depth, and date and time of sampling. Upon delivery of the samples to the laboratory for analysis, the CoC form was signed by authorised personnel and a copy was retained by GSI. The samples were tested by CalScience Laboratories, a State-Certified Hazardous Waste Testing laboratory.

The quality assurance/quality control (QA/QC) program in effect during the performance of all field activities included the following items:

- Complete documentation of all field activities.
- Use of appropriate CoC forms.
- Use of clean sampling equipment.
- Proper equipment decontamination according to accepted EPA Protocol.

Laboratory Test Results

Laboratory testing was conducted on eleven samples. The samples were tested for the presence of organochlorine pesticides such as DDD, DDE, DDT and Toxaphene by EPA Test Method 8081A. The results are summarized in the following table:

SAMPLE NO.	PESTICIDE (MG/KG)	SAMPLE NO.	PESTICIDE (MG/KG)
S-1	ND	S-7	ND
S-2	ND	S-8	ND
S-3	ND	S-9	ND
S-4	0.064 DDD 0.035 DDE 0.0082 Dieldrin	S-10	ND
S-5	ND	S-11	ND
S-6	ND		

mg/kg - milligrams per kilogram (parts per million)
ND - none detected

The results of this initial testing indicated no significant organochlorine pesticides were present in the near surface soils tested. The concentrations of DDD, DDE, DDT, and Dieldrin reported were well below the EPA's for CHHSLs for residential property, and therefore, no adverse environmental impacts to the site is anticipated from the previous agricultural use. A copy of the CalScience Analytical laboratory test results and CoC are presented within Appendix F.

PRELIMINARY ASBESTOS AND LEAD-BASED PAINT SCREENING

GSI commissioned a preliminary asbestos and lead-based paint screening review of the subject property. This preliminary review is provided in Appendix G. Based on Applied Toxicology's limited sampling and site reconnaissance, asbestos was present within the ceiling material and floor linoleum. Lead paint was also found to be present. The reader is referred to the report in Appendix G in this regard.

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our interview with Mr. Tim Ulman (property owner) and review of historic land use utilizing readily available reports, the overall site was utilized as an avocado orchard since early 1960's until sometime in the late 1980's. Photographs from 1939 indicate the site and surrounding areas appear to be undeveloped. In the 1947 photograph, it appears that a few structures have been built in the

surrounding areas. The site appears to be undeveloped and vacant. In the 1953 photograph, the site appears to be undeveloped and vacant, and the surrounding property appears to be the same as the 1947 photograph. In the 1963 photograph, the site is utilized for agricultural and the surrounding property to the east is also utilized as agricultural. The remaining surrounding property is undeveloped land with the exception of the few structures noted in the 1947 photograph. In the 1974 photograph, the site and surrounding property are generally the same as the 1963 photograph. In the 1980 photograph, the site remains as agricultural, and the surrounding property to the west and south, is also utilized as agricultural. In the 1990-91 photograph, it appears the avocado trees have been removed from the site, and the surrounding property to the north is now developed with residential homes. A few residential homes are also noted to the south of the property. In the 2002 photograph, the site appears to generally be the same as observed in GSI's recent field reconnaissance. According to Mr. Ulman (property owner), the Ulman family purchased the property some time in the early 1940's, and in 1961, the single-family house was built.

- Based upon the historical use of portions of the subject property for agricultural purposes, there is some potential for historically restricted agricultural chemicals (i.e., pesticides and/or herbicides) to have been applied onsite. As is typical in San Diego County and throughout California, this use may have resulted in detectable concentrations of chemical residues to remain within near-surface earth materials. It is likely that significantly high residue concentrations would not be detected unless agricultural chemicals were stored onsite or were accidentally spilled, improperly applied, or illegally disposed of onsite. Although a majority of currently banned (i.e., restricted) pesticides have not been used for at least 20 years, there remains some potential for historical farming operations to have utilized restricted agricultural chemicals onsite. This application may have resulted in some persistent chemical residues to remain on the subject property. Under normal conditions, most restricted pesticides/herbicides currently used in California readily degrade, and are not overly persistent in nature. There are, however, certain restricted (and currently banned) agricultural chemicals that were commonly used over 20 to 25 years ago throughout California that are known to be a persistent substance in nature.
- Based on the above, a limited agricultural residue survey was conducted during the Phase I ESA in order to determine if the past use of the site included the application of organochlorine pesticides. Eleven (11) soil samples were collected for chemical analysis of pesticides/herbicides. One (1) soil sample was reported greater than the detection limits (10 samples were reported as non-detected) for DDD, DDE, DDT, and Dieldren. The results on this sample were well below the Preliminary Remediation Goals (PRGs) for California Human Health Screening Levels (CHHSLs) for residential property, and therefore, no adverse environmental impacts to the site are anticipated from the previous agricultural use.

- Based upon our recent field reconnaissance on June 22, 2011, the site is currently utilized as a single-family estate. There is one single-family residential structure built sometime in 1961 and one detached garage. One storage shed and one outbuilding were also noted near the single-family residential structure, which is supplied power by an overhead power line with a transformer. A paved driveway provides access to the property from Amanda Lane. The majority of the property is covered with grasses, weeds, and scattered shrubs. Several trees in close proximity to the existing residence, remain on property. Two (2) empty 55-gallon drums were observed in the southwestern portion of the site. Reportedly, the water system source is from the Escondido Municipal Water District. Stockpiles of materials were observed on the site, which included organic debris and miscellaneous trash and debris. There was no significant visible surficial staining on the property. There does not appear to be significant surficial evidence of onsite hazardous materials/waste and/or petroleum contamination; however, the trash/debris, stockpiles, etc., were not disturbed.
- Owing to the age of the onsite structure, a preliminary asbestos and lead-based paint screening review of the subject property was performed. This review is provided in Appendix G. Based on Applied Toxicology's limited sampling and site reconnaissance, asbestos was present within the ceiling material and floor linoleum. Lead paint was also found to be present. The reader is referred to the report in Appendix G in this regard.
- Properties adjacent to and surrounding the site currently consist of a public trail and existing residential homes to the north, existing residential homes to the east, existing residential homes and one equipment storage yard to the south, and existing residential homes to the west. There were no adverse uses observed on the properties surrounding the subject site that appear to be contributing significant hazardous waste/materials and/or petroleum contamination to the subject property, provided lawful procedures are being followed for operations, storage, and for disposal of wastes.
- Based upon a review of the Department of Water Resources monitoring network, groundwater was encountered in private wells in the site vicinity at reported depths ranging from approximately 8 to 19 feet below the ground surface, and is probably "perched" (see below). The well closest to the subject site, located less than 0.5 miles northeast, reported groundwater at a depth of 626.5 feet Mean Sea Level (MSL). Regional groundwater is anticipated to generally be coincident with the elevations of Lake Hodges to the southeast of the subject site. The estimated elevation of regional groundwater is 314 feet MSL, or approximately ± 436 feet below the existing ground surface. Based on the topography (which is often indicative, but not always conclusive of groundwater flow direction), the regional groundwater flow direction is estimated to be generally southeasterly direction, following surface drainage patterns to Lake Hodges. Please note that many variables influence groundwater depth and flow direction, and the actual depth and

flow direction at the site may be different than the estimates presented. Groundwater may also be encountered at shallow depths in the form of perched water on resistant strata or rock, especially during rainy seasons. No surface water was observed onsite during GSI's site reconnaissance.

- Based upon review of our agency database records search (Appendix E, provided as a CD data disc), there are no listings of permitted above-ground storage tanks (AST) and/or underground storage tanks (UST) on the subject property. There are two (2) mapped risk sites reported in the agency database records search. Mayhew Dump (ESCONDIDO I) located adjacent to the western boundary of the site (up and cross groundwater gradient), is reported as a Solid Waste Landfill with a status of *Closed*. According to our agency database records search, the Mayhew Dump accepted ash debris until the site was closed in 1950. The site is currently developed with residential homes. Chatham Brothers Barrel Yard at 2257 Bernardo Avenue, located approximately 0.68 miles southeast to the property (down groundwater gradient) is reported as a State Response site with a status of *Active*.

Based upon the status, and/or the location (distance and/or down groundwater gradient) of all these sites discussed above, it is GSI's opinion that these risk sites present a low potential to environmentally impact the subject property, provided lawful procedures for petroleum products and chemical use and storage are/have been followed.

- The unmapped risk sites, which is a list of all sites whose location is not readily identified and may be near the site, were reviewed. According to our agency database records search, three unmapped risk sites were listed. GSI's reviewed the location of this sites, and based on distance (greater than 1 mile)and/or status, it is GSI's opinion that the unmapped risk sites present a low potential to environmentally impact the subject property.
- No significant data gaps were encountered in preparation of this update ESA. One data gap, from 1900 to 1939, was due to the limited records, which are reasonably ascertainable in the local area. However, it is our opinion that additional historic information, if it were to become available, is not likely to significantly change the conclusions and recommendations of this assessment.
- Other than the above, this assessment has revealed no evidence of recognized environmental conditions in connection with the property.

Recommendations

Based upon the scope of work completed, GSI concludes that the overall potential for significant agricultural hazardous materials/waste and/or petroleum contamination onsite is low to perhaps moderate; however, the uncertainty of potential environmental concerns can not be eliminated. Based upon the information obtained during the course of our

recent assessment, from an environmental viewpoint, pursuant to the limitations set forth in the text of this report, the site is considered acceptable for the proposed residential use, provided the following mitigation measures are properly implemented during planning, design, and construction:

- All trash, debris, and waste materials should be disposed of offsite, in accordance with current local, state, and federal disposal regulations. Any materials containing petroleum residues encountered during property improvements should be evaluated prior to removal and disposal, following proper procedures. Any buried trash/debris encountered should be evaluated by an experienced environmental consultant prior to removal.
- Based upon the limited scope of work completed, GSI generally concludes that it is not likely that concentrations of pesticides/herbicides in earth materials on the subject property exist that might represent a risk to human health, if they exist at all. For these tested concentrations, remedial earthwork is generally not recommended. However, a detailed agricultural chemical residue survey may be required prior to receipt of a grading permit for the proposed residential development, as a part of the grading plan approval process. Typically, a detailed survey is provided to the County of San Diego Environmental Health Services for review and comment; however, based on the extremely low concentrations encountered, it is possible that this requirement may be waived.
- Based on that asbestos and lead is present, an asbestos containing materials (ACM) and lead containing paint (LCP) survey should be performed on the site by a licensed asbestos/lead contractor prior to demolition of the existing structure onsite.
- Based upon the historic property use, holding and/or septic tanks (systems) exist on the property. Although not considered a hazardous waste, any holding tanks or buried septic systems should be properly removed or abandoned following health department guidelines.
- GSI did not observe a well on the property during our site reconnaissance. However, based on the age of the residential structure, a water well may be present onsite. If encountered, the water well should be abandoned in accordance with state guidelines by a licensed water well contractor following state protocol.
- Based upon the information collected by GSI during this environmental site assessment, further studies or action, other than the above, are not proposed from an environmental viewpoint, at this time.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

APPENDIX A

REFERENCES

APPENDIX A

REFERENCES

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_____, 1950, Escondido, Calif. quadrangle, scale 1:24000.

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_____, 1942, Escondido, Calif. quadrangle, scale 1:62500.

_____, 1901, Escondido, Calif. quadrangle, scale 1:62500.

_____, 1893, Escondido, Calif. quadrangle, scale 1:62500.

APPENDIX B

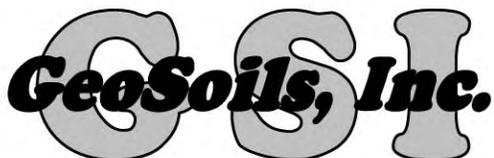
SITE PHOTOGRAPHS



1. Photograph showing existing residential structure and driveway, typical trees, grass, and shrubs (looking northwest).



2. Photograph showing typical grass and shrubs noted throughout the site (looking southeast).



SITE PHOTOGRAPHS

Plate B-1

DATE 7/11

W.O. NO. E6269-SC

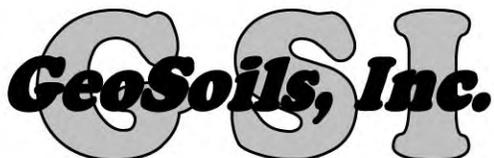
Geotechnical · Geologic · Coastal · Environmental



3. Power pole with transformer (looking northwest).



4. Typical stockpiles of wood and miscellaneous debris near the storage shed (looking north).



SITE PHOTOGRAPHS

Plate B-2

DATE 7/11

W.O. NO. E6269-SC

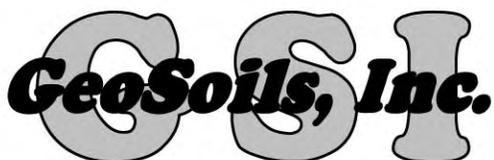
Geotechnical · Geologic · Coastal · Environmental



5. Typical stockpile of miscellaneous organic debris (looking south).



6. View of two empty 55-gallon drums (looking northeast). No significant visual surficial staining was noted in this area.



SITE PHOTOGRAPHS

Plate B-3

DATE 7/11

W.O. NO. E6269-SC

Geotechnical · Geologic · Coastal · Environmental

APPENDIX C

ESA TRANSACTION SCREEN QUESTIONNAIRE



ENVIRONMENTAL SITE ASSESSMENT TRANSACTION SCREEN QUESTIONNAIRE

This document is an excerpt of Practice E1528-06: Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E50 on Environmental Assessment, Risk Management and Corrective Action and is the direct responsibility of Subcommittee E50.02 on Real Estate Assessment and Management. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. COPYRIGHT© 2006 ASTM INTERNATIONAL, West Conshohocken, PA. Prior edition copyrighted 2000. Stock # ADJE152806. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer Service at (610) 832-9585.

5. Introduction to Transaction Screen Questionnaire

5.1 Process—The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of owners and occupants of the property, observing site conditions at the property with direction provided by the *transaction screen questionnaire*, and, to the extent reasonably ascertainable, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of owners are the same questions as those asked of occupants.

5.2 Guide—The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7–10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the *user*, its employee or agent, or the *preparer* in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for owner/occupant inquiry and the guide to site visit. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior *transaction screen* is appropriate under this practice.

5.2.3 A *user*, his employee or agent, or *preparer* conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The *user* may either conduct the *transaction screen process*, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the *user*. No matter who prepares the questionnaire, the *user* remains responsible for the decision to conduct limited environmental due diligence and the impact of that decision on risk management.

5.4 The *preparer* conducting the *transaction screen process* should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The *user* should take time and care to check whatever records are in the *user's* possession and forward relevant information or specialized knowledge to the *preparer*.

5.5 Knowledge—All answers should be given to the best of the owner's or occupant's knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the *transaction screen* has an obligation to ask the questions in the *transaction screen questionnaire*, others may have no obligation to answer them.

5.5.2 The *transaction screen questionnaire* and the *transaction screen guide* sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 Conclusions Regarding Affirmative or Unknown Answers—Once a *transaction screen questionnaire* has been completed, it shall be presented to the *user*. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a potential environmental concern. If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the *preparer* must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the *user* should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the site visit and the government records/historical sources inquiry. If the *user* decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the *user* must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the *user* should first refer to the guide. The guide may provide sufficient explanation to allow a *user* to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a *user* to conclude that no further inquiry is appropriate, then the *user* should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a site visit, a person may find a storage tank on the property and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a *user* to conclude no further inquiry is appropriate with respect to such question, then the *user* must determine, in the exercise of the *user's* reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 Presumption—A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the *user* should evaluate information obtained from each component of the *transaction screen process* and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The *user* must determine, in the exercise of the *user's* reasonable business judgment, the scope of such further inquiry.

5.8 Further Inquiry—Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environmental Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 Signature—The *user* and the *preparer* of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*—The following questions should be asked of (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10 % of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the property. A major occupant is any occupant using at least 40% of the leasable area of the property or any anchor tenant when the property

is a shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide to this transaction screen questionnaire (see Sections 7–10) provides further details on the appropriate use of this questionnaire. (See Note 2.)

NOTE 2—Unk = "unknown" or "no response."

Description of Site/Address:

2115 Amanda Lane, Escudido, CA 92027
 APN 235-202-35-00

Question	Owner			Occupants (if applicable)			Observed During Site Visit	If yes, provide description
	Yes	No	Unk	Yes	No	Unk		
1a. Is the property used for an industrial use?							Yes <input checked="" type="radio"/> No	
1b. Is any adjoining property used for an industrial use?							Yes <input checked="" type="radio"/> No	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?							Yes <input checked="" type="radio"/> No	
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?							Yes <input checked="" type="radio"/> No	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?							Yes <input checked="" type="radio"/> No	
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?							Yes <input checked="" type="radio"/> No	
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?							Yes <input checked="" type="radio"/> No	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?							Yes <input checked="" type="radio"/> No	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?							Yes <input checked="" type="radio"/> No	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?							Yes <input checked="" type="radio"/> No	
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?							Yes <input checked="" type="radio"/> No	(2) Empty 55-gallon Drums
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?							Yes <input checked="" type="radio"/> No	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?							Yes <input checked="" type="radio"/> No	

Question	Owner			Occupants (if applicable)			Observed During Site Visit	If yes, provide description
	Yes	No	Unk	Yes	No	Unk		
7b. Did you observe evidence or do you have any prior knowledge that <i>fill dirt</i> has been brought onto the <i>property</i> that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
8a. Are there currently any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any <i>pits, ponds, or lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
9a. Is there currently any stained soil on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
13a. If the <i>property</i> is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
13b. If the <i>property</i> is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	No	Unk	Yes	No	Unk	Yes <input checked="" type="radio"/> No	
14. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of <i>environmental liens</i> or governmental notification relating to past or recurrent violations of environmental laws with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk		
15a. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk		
15b. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk		
15c. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk		
15d. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	<input checked="" type="radio"/> No	Unk	Yes	No	Unk		

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
16. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of any <i>environmental site assessment</i> of the <i>property</i> of facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk		
17. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> by any <i>owner</i> or <i>occupant</i> of the <i>property</i> ?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk		
18a. Does the <i>property</i> discharge <i>waste-water</i> (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a storm water system?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk	Yes <input checked="" type="radio"/> No	
18b. Does the <i>property</i> discharge waste water (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a sanitary sewer system?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk	Yes <input checked="" type="radio"/> No	
19. Did you observe evidence or do you have any prior knowledge that any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the <i>property</i> ?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk	Yes <input checked="" type="radio"/> No	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of <i>PCBs</i> ?	Yes <input checked="" type="radio"/> No Unk	Yes No Unk	Yes <input checked="" type="radio"/> No	

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):

See Report

	Approximate Minimum Search Distance, miles (kilometres)		
Federal <i>NPL</i> site list	1.0 (1.6)	Yes	No
Federal Delisted <i>NPL</i> site list	0.5 (0.8)	Yes	No
Federal CERCLIS list	0.5 (0.8)	Yes	No
Federal CERCLIS NFRAP site list	0.5 (0.8)	Yes	No
Federal RCRA CORRACTS facilities list	1.0 (1.6)	Yes	No
Federal RCRA non-CORRACTS TSD Facilities list	0.5 (0.8)	Yes	No
Federal RCRA <i>generators list</i>	<i>property and adjoining properties</i>	Yes	No
Federal institutional control/engineering control registries	<i>property only</i>		
Federal <i>ERNS list</i>	<i>property only</i>	Yes	No

State and tribal lists of *hazardous waste sites* identified for investigation or remediation:

State and tribal-equivalent <i>NPL</i>	1.0 (1.6)	Yes	No
State and tribal-equivalent CERCLIS	0.5 (0.8)	Yes	No
State and tribal- <i>landfill</i> and/or <i>solid waste disposal site lists</i>	0.5 (0.8)	Yes	No
State and tribal-leaking storage tank lists	0.5 (0.8)	Yes	No
State and tribal registered storage tank lists	<i>property and adjoining properties</i>	Yes	No
State and tribal <i>institutional control/engineering control registries</i>	<i>property only</i>	Yes	No
State and tribal voluntary cleanup sites	0.5 (0.8)	Yes	No
State and tribal Brownfield sites	0.5 (0.8)	Yes	No

22. Based upon a review of *fire insurance maps* (10.2.3) or *local street directories* (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an *adjoining property* identified as having been used for an industrial use or uses likely to lead to contamination of the *property*?

Yes No Unavailable

Result: _____

APPENDIX D

**HISTORICAL AERIAL PHOTOGRAPHS
HISTORICAL TOPOGRAPHIC MAPS
AND FIRE INSURANCE MAPS**



Environmental FirstSearch

Historical Aerial Photo

2002

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**2002
AERIAL PHOTO**
Plate D-1

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

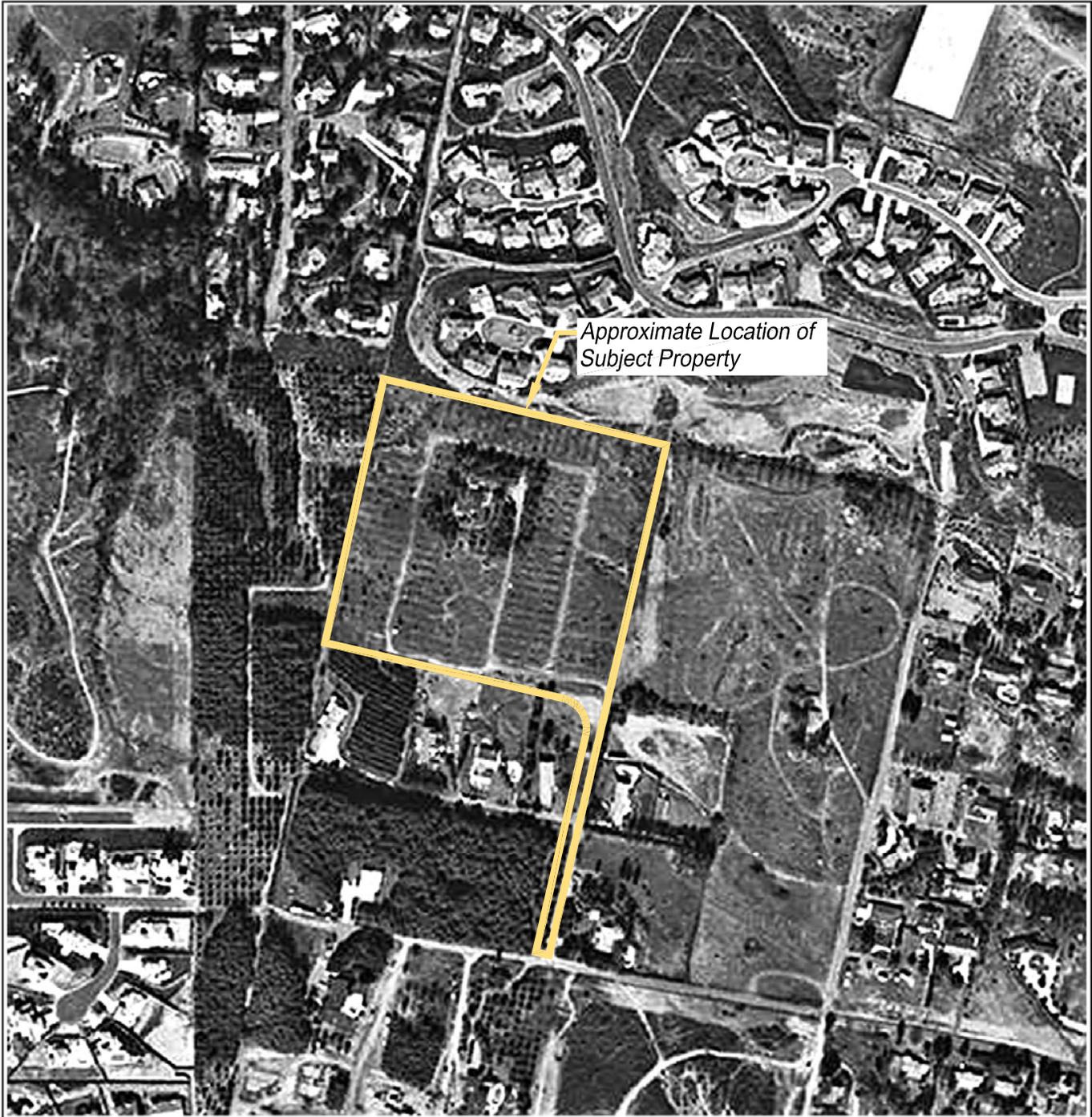


Environmental FirstSearch

Historical Aerial Photo

1990-91

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1990-1991
AERIAL PHOTO**

Plate D-2

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

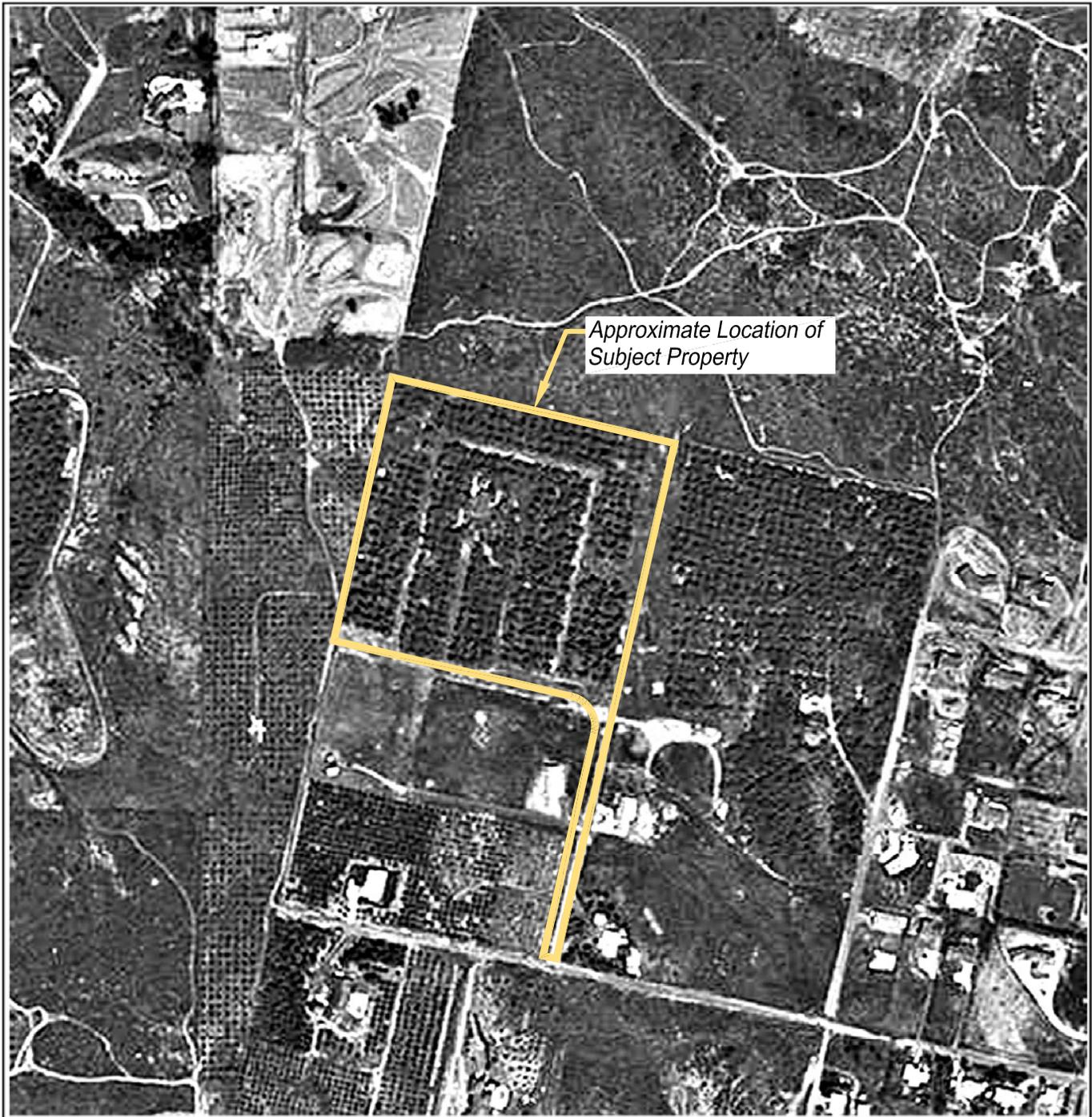


Environmental FirstSearch

Historical Aerial Photo

1980

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1980
AERIAL PHOTO**

Plate D-3

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

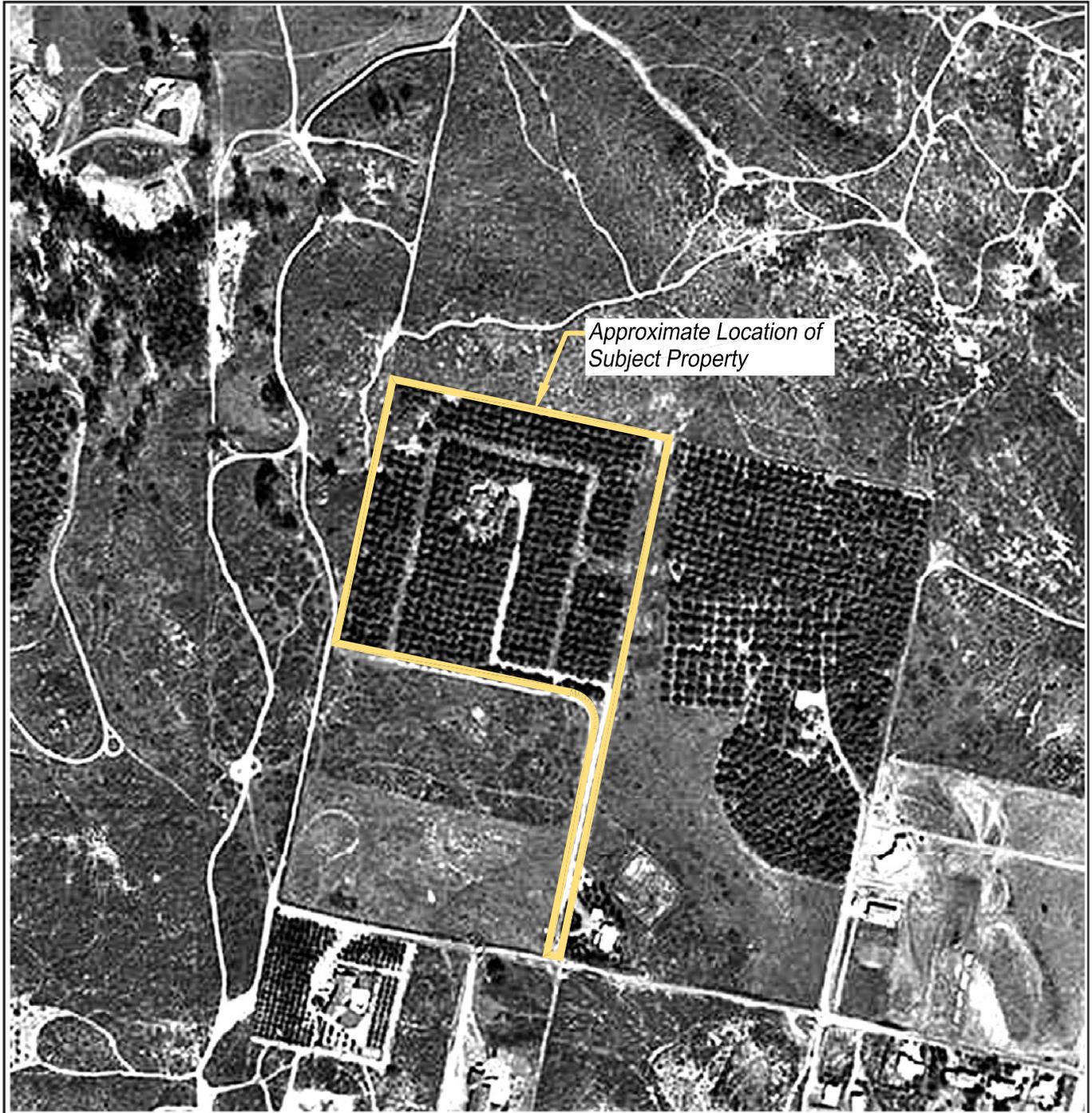


Environmental FirstSearch

Historical Aerial Photo

1974

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

1974
AERIAL PHOTO
Plate D-4

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

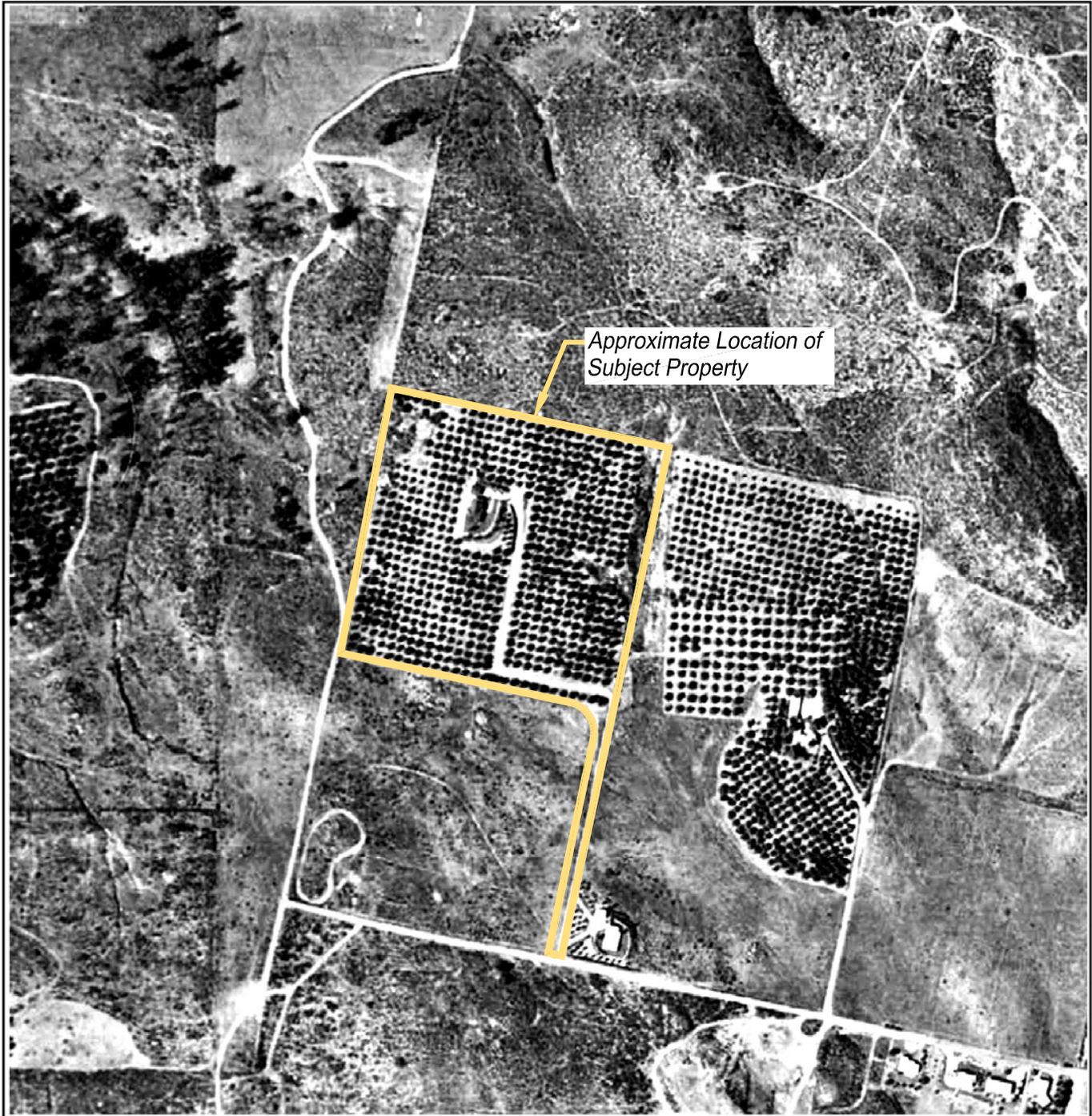


Environmental FirstSearch

Historical Aerial Photo

1963

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

1963
AERIAL PHOTO
Plate D-5

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

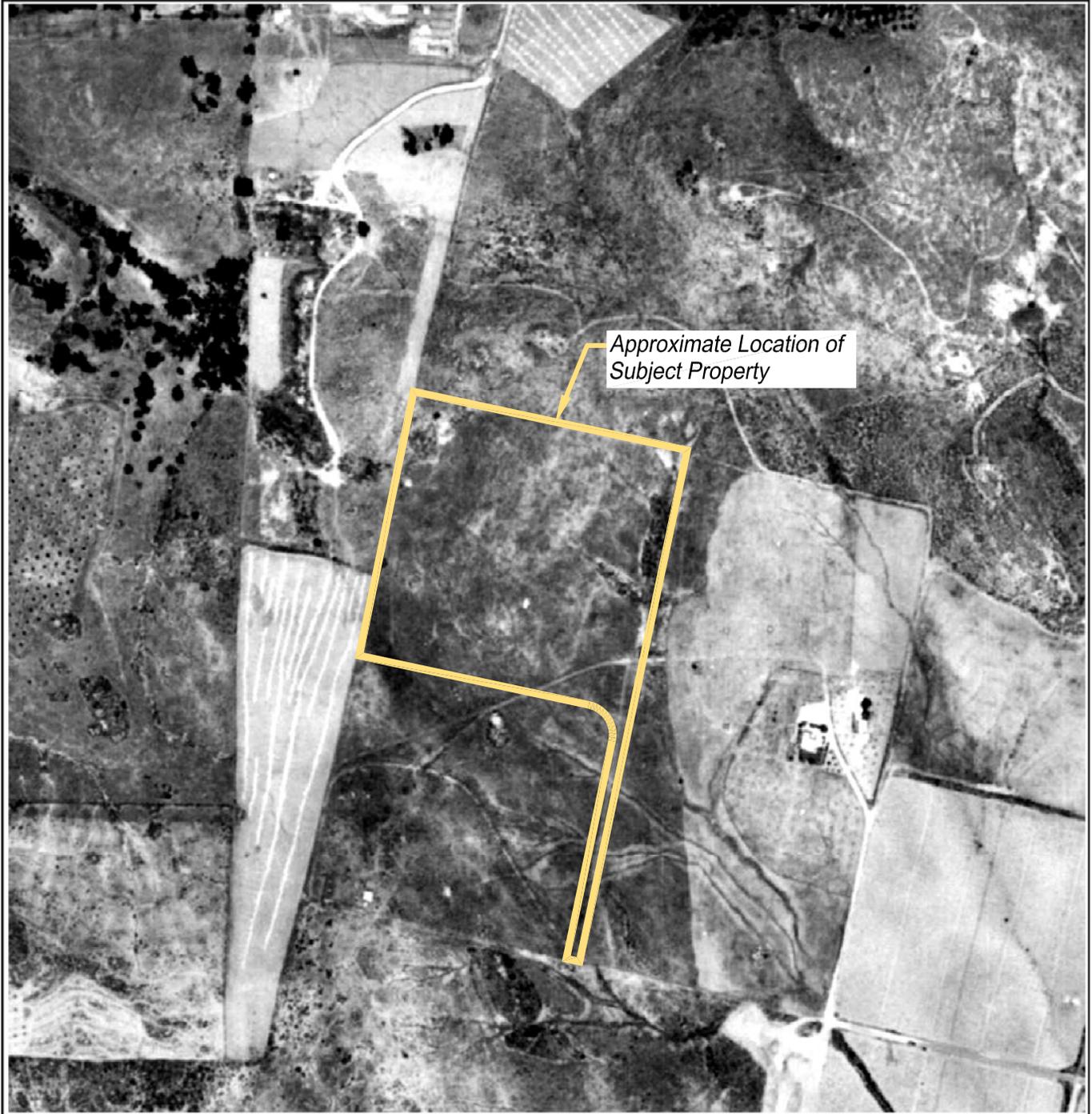


Environmental FirstSearch

Historical Aerial Photo

1953

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

1953
AERIAL PHOTO
Plate D-6

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

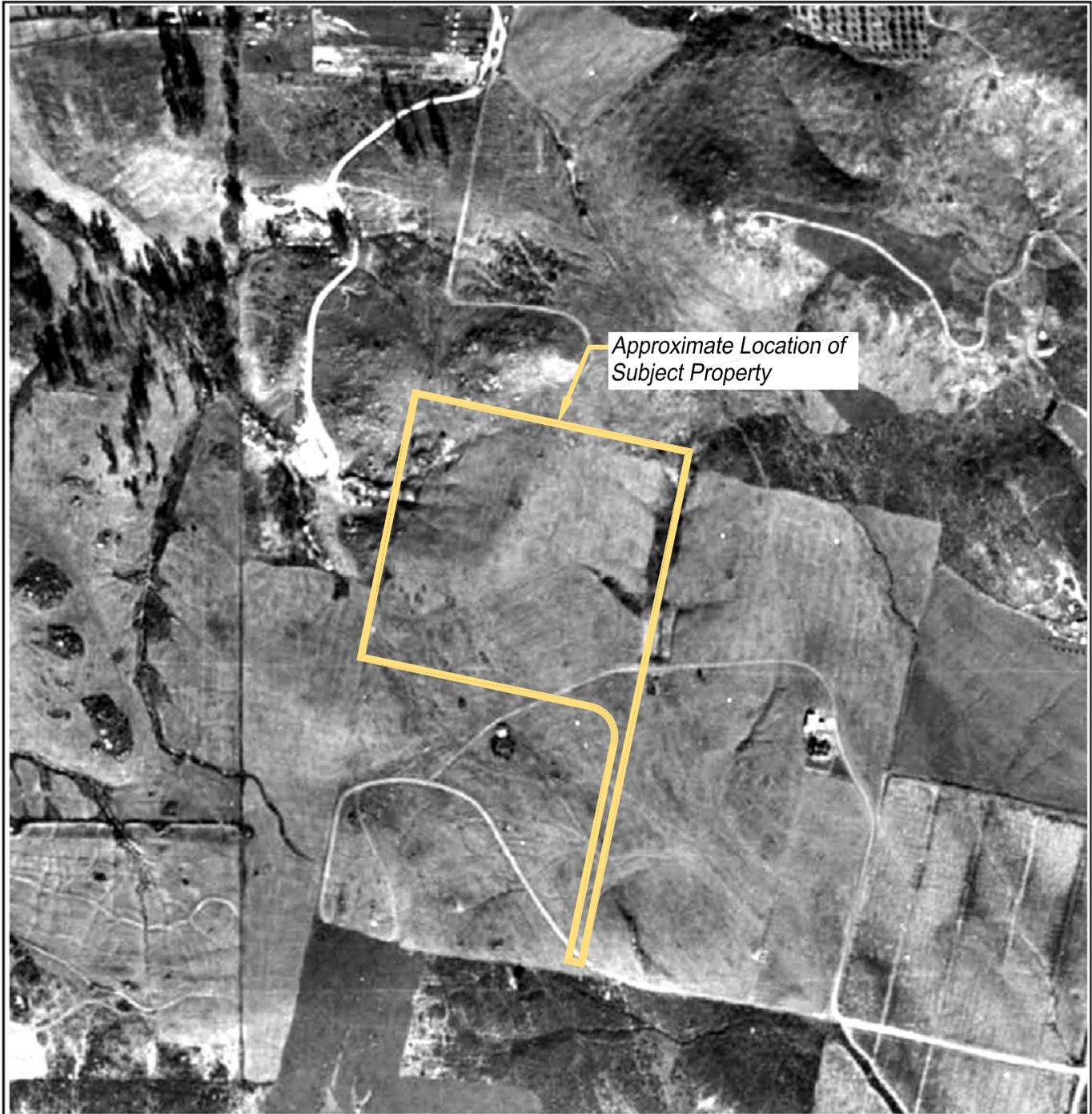


Environmental FirstSearch

Historical Aerial Photo

1947

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



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RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

1947
AERIAL PHOTO
Plate D-7

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'

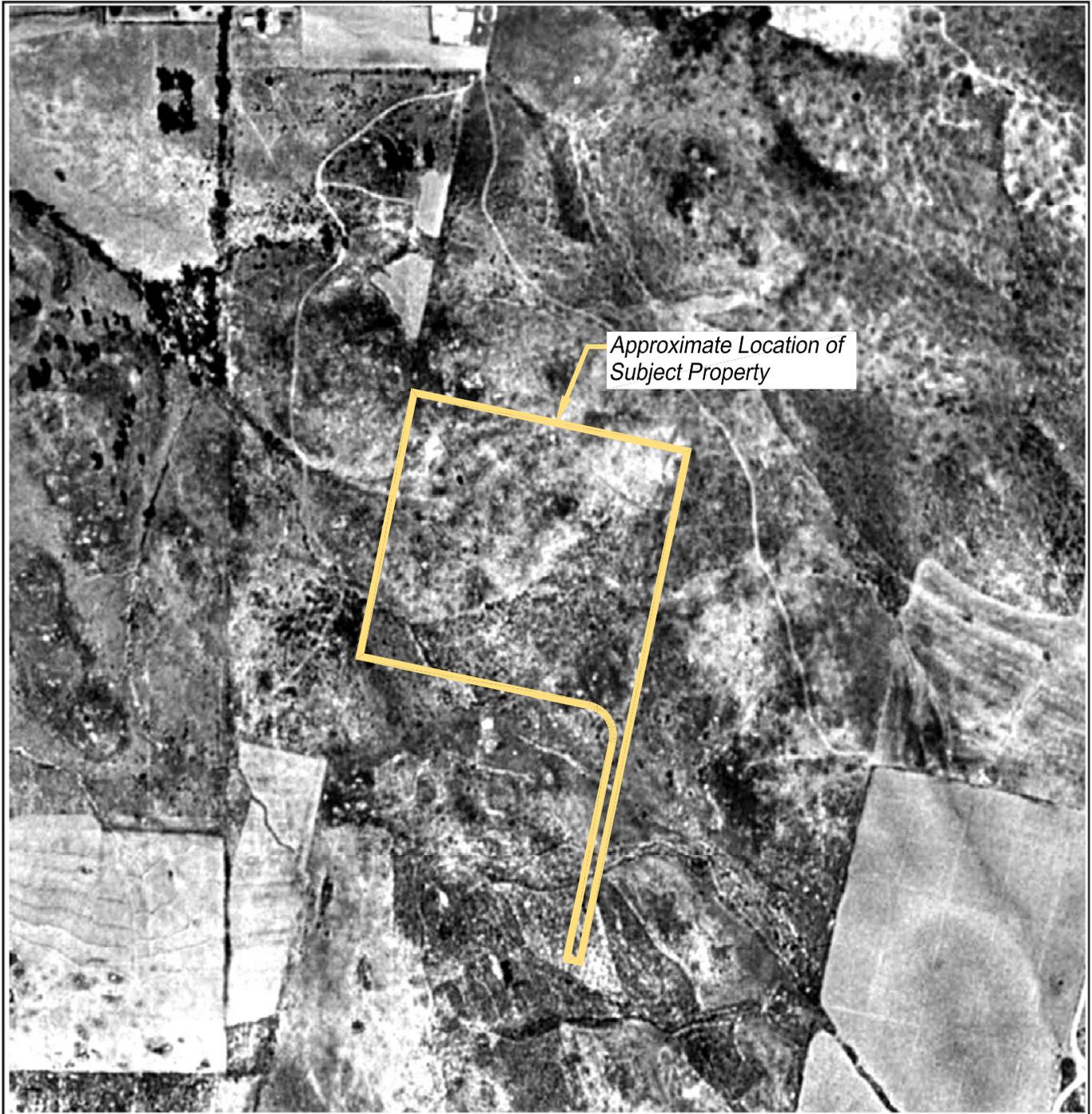


Environmental FirstSearch

Historical Aerial Photo

1939

2115 Amanda Lane, Escondido, CA 92029



Target Site: 33.172373, -117.346297
Approximate Scale: 1" = 375'



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

1939
AERIAL PHOTO
Plate D-8

W.O. E6269-SC

DATE: 6/11

SCALE: 1" = 375'



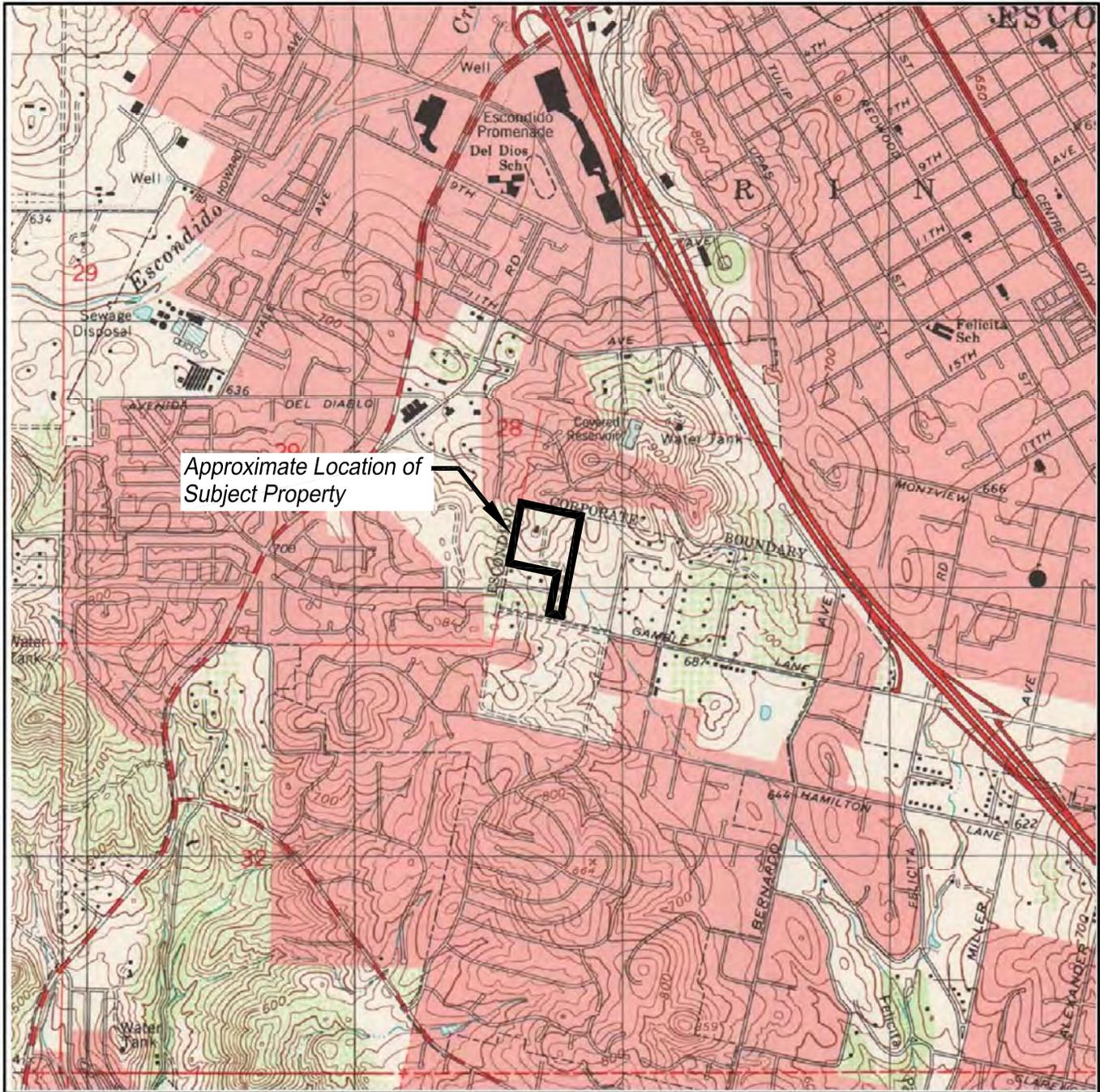
Environmental FirstSearch



Historical Topographic Map

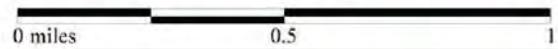
Quad Name: Escondido, CA
Year: 1996 Original Map Scale: 1:24,000

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1996
TOPO MAP**

Plate D-9

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN



Environmental FirstSearch

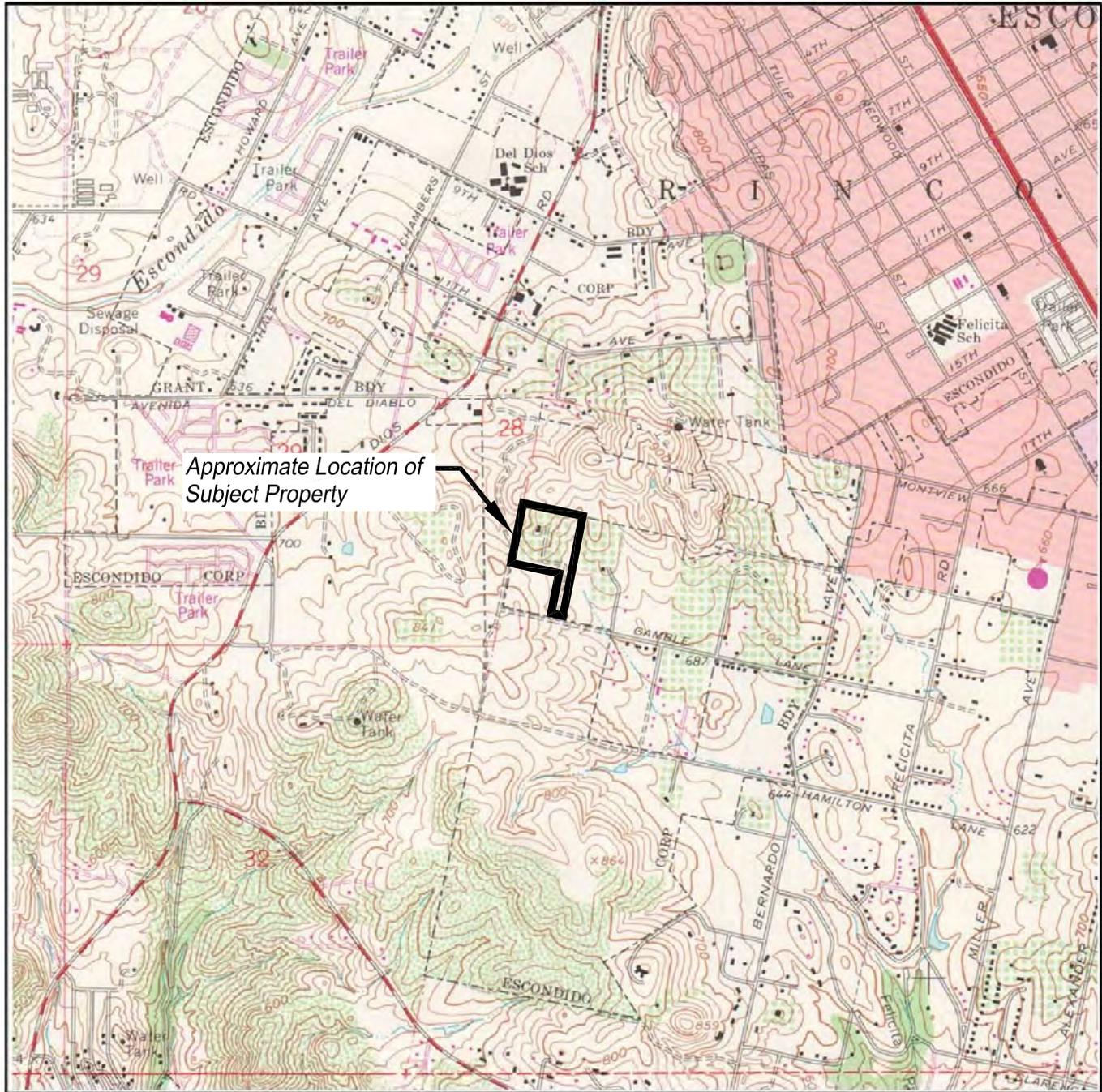


Historical Topographic Map

Quad Name: Escondido, CA

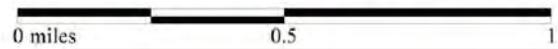
Year: 1975 Original Map Scale: 1:24,000

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1975
TOPO MAP**

Plate D-10

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN



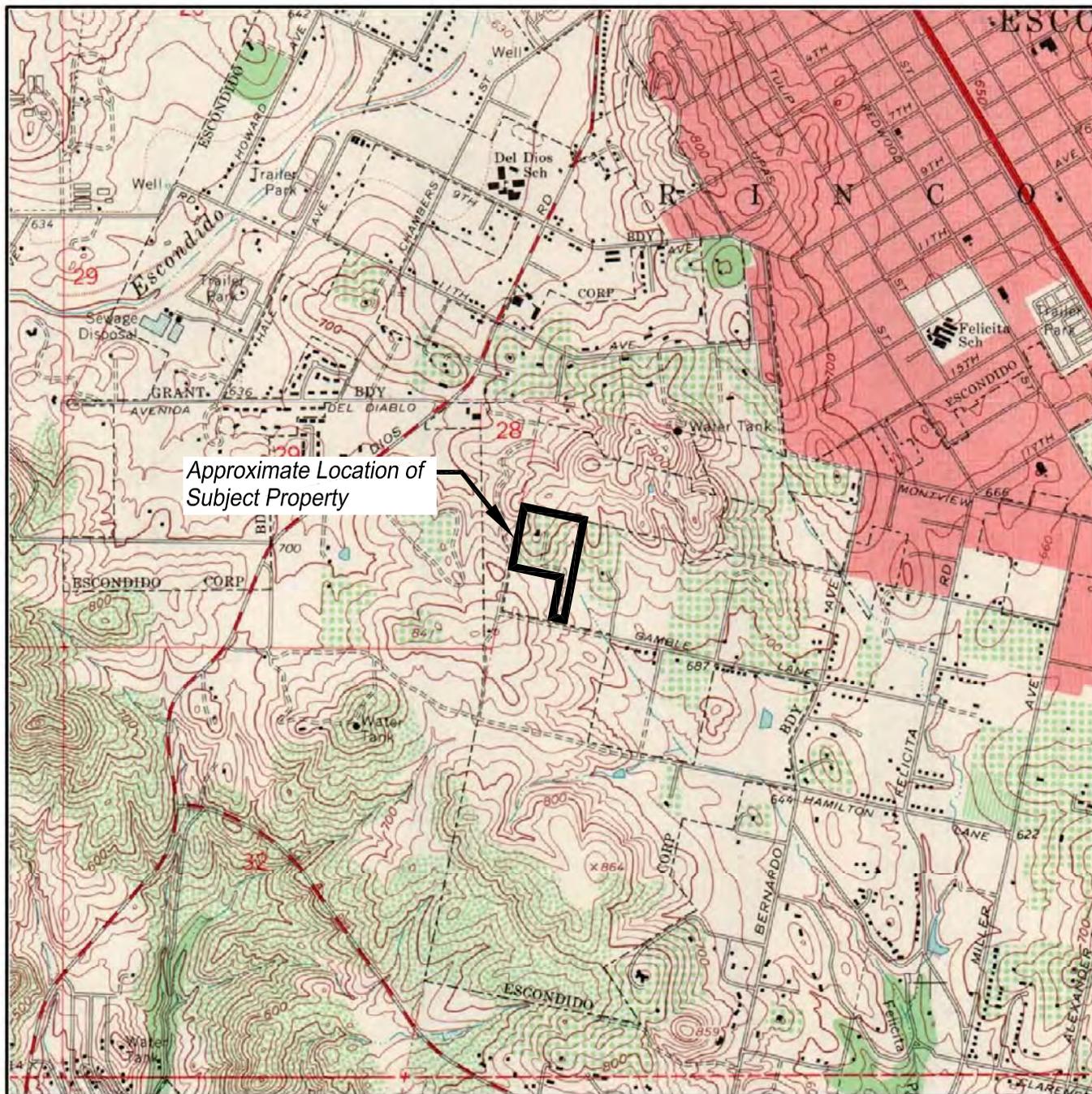
Environmental FirstSearch



Historical Topographic Map

Quad Name: Escondido, CA
Year: 1968 Original Map Scale: 1:24,000

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105

0 miles 0.5 1



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1968
TOPO MAP**

Plate D-11

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN



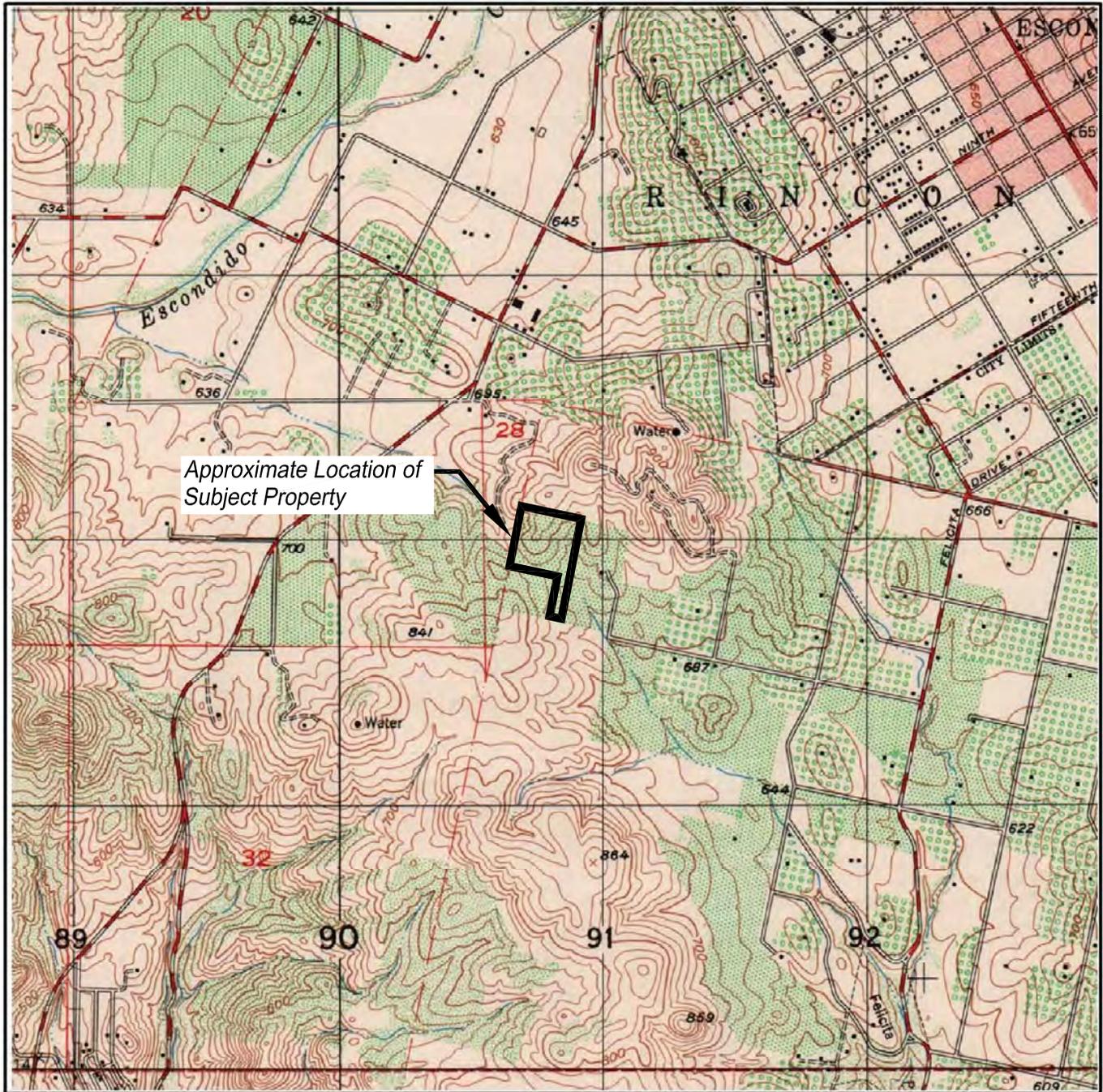
Environmental FirstSearch

Historical Topographic Map



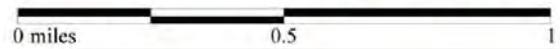
Quad Name: Escondido, CA
Year: 1950 Original Map Scale: 1:25,000

2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1950
TOPO MAP**

Plate D-12

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN

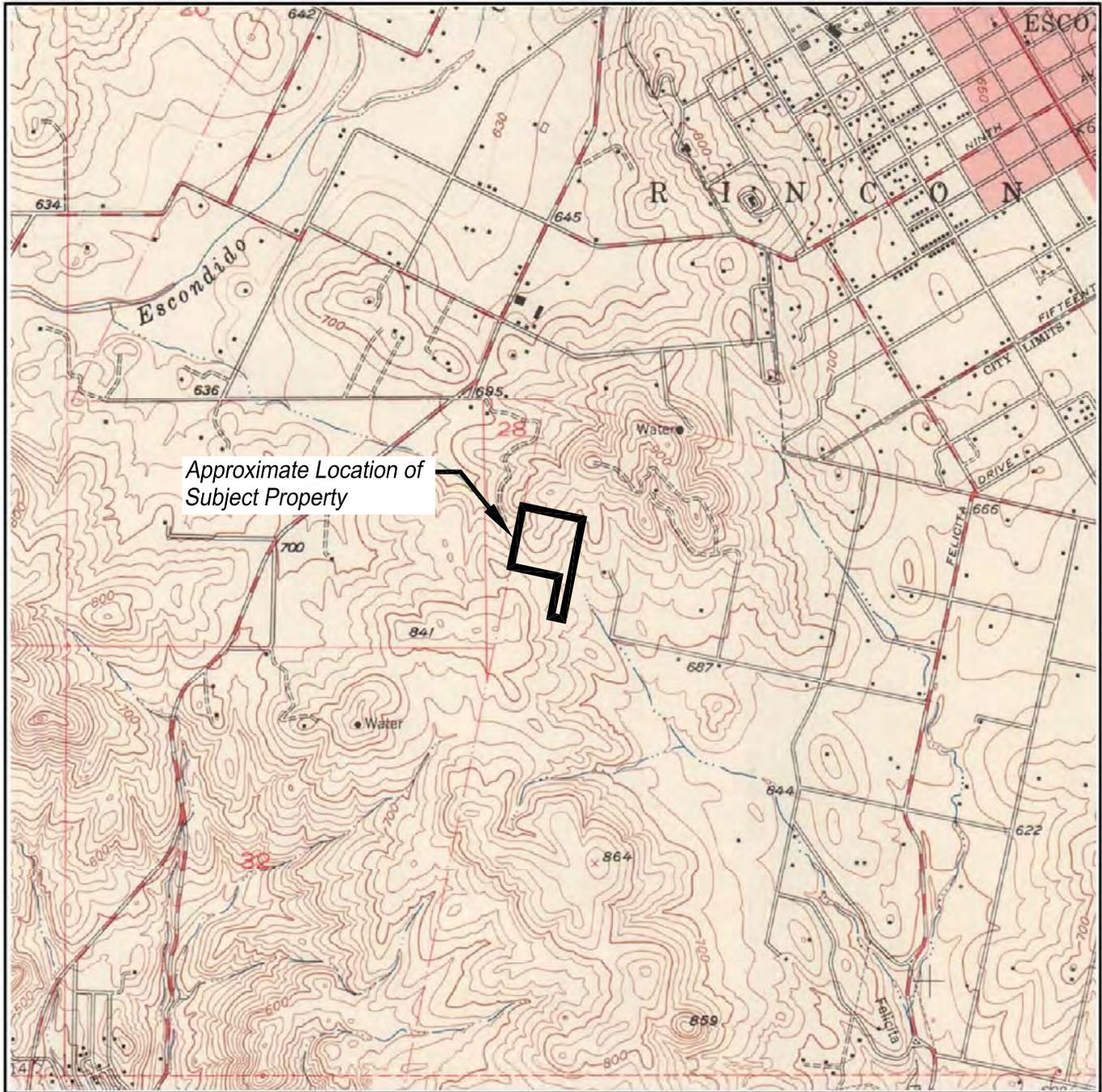


Environmental FirstSearch

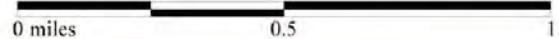


Historical Topographic Map

Quad Name: Escondido, CA
Year: 1948 Original Map Scale: 1:24,000
2115 Amanda Lane, Escondido, CA 92029



Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1948
TOPO MAP**

Plate D-13

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN



Environmental FirstSearch

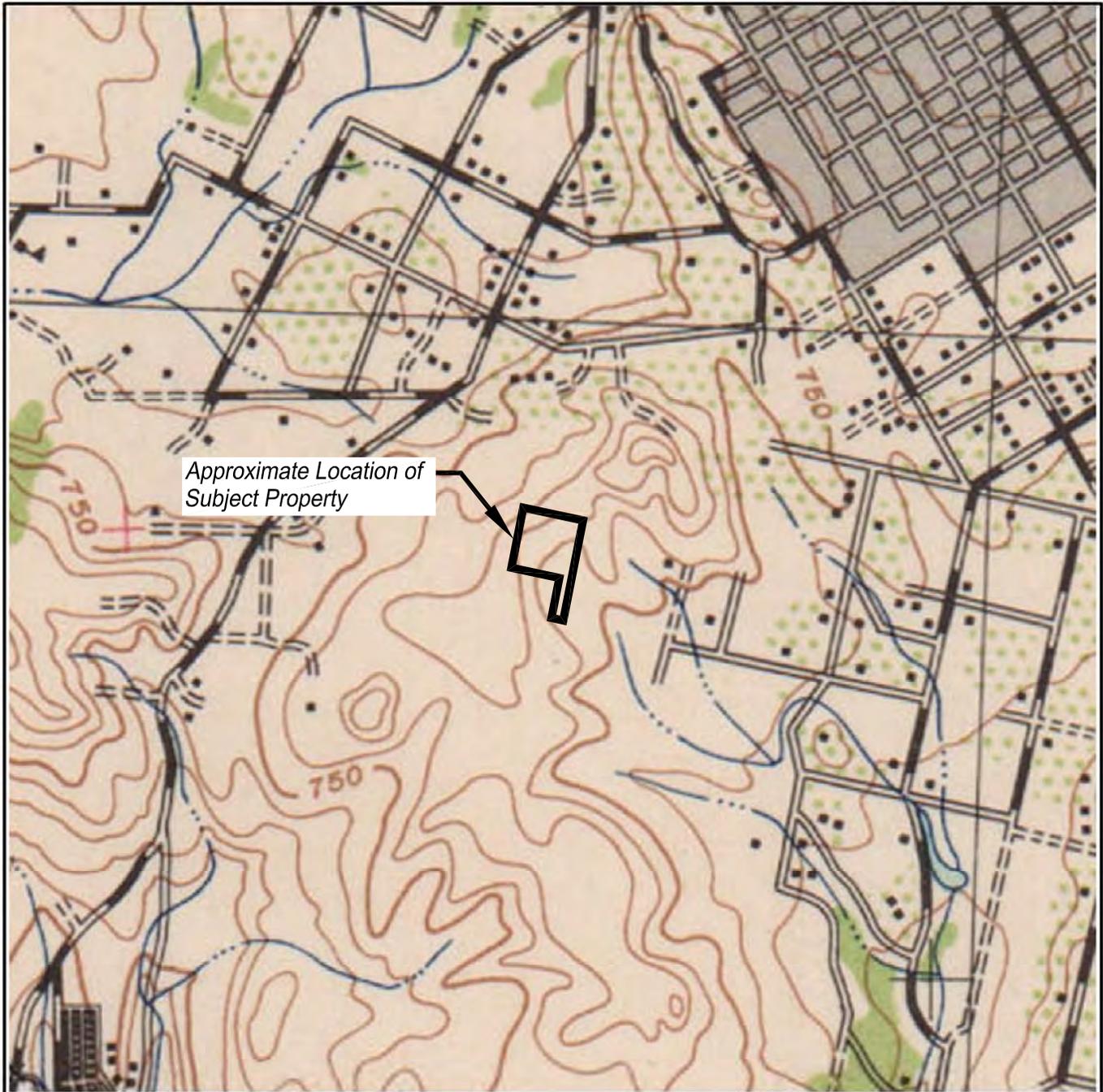


Historical Topographic Map

Quad Name: Escondido, CA

Year: 1942 Original Map Scale: 1:62,500

2115 Amanda Lane, Escondido, CA 92029



Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1942
TOPO MAP**

Plate D-14

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN

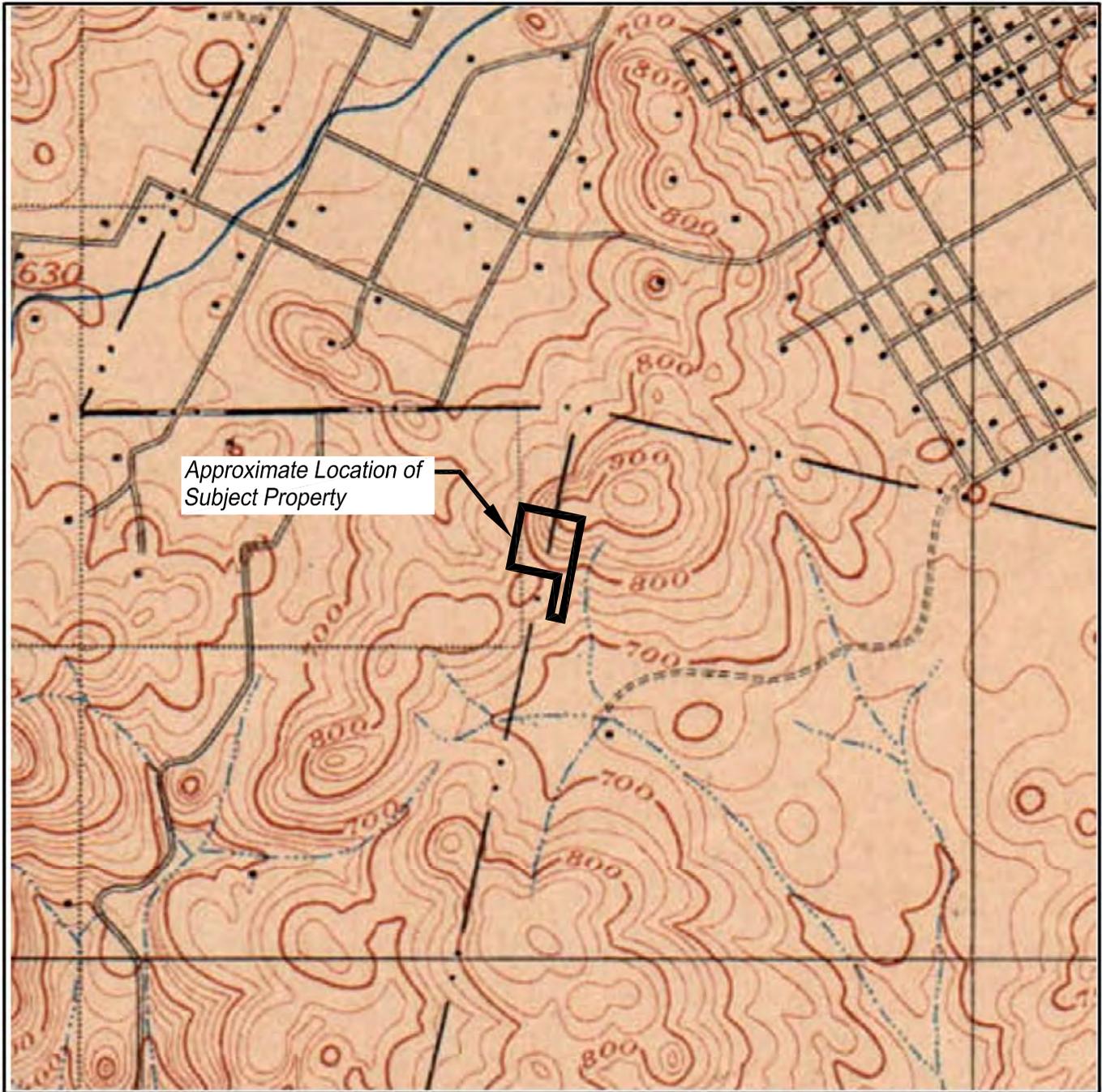


Environmental FirstSearch



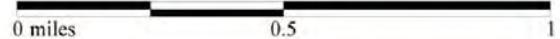
Historical Topographic Map

Quad Name: Escondido, CA
Year: 1901 Original Map Scale: 1:62,500
2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1901
TOPO MAP**

Plate D-15

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN

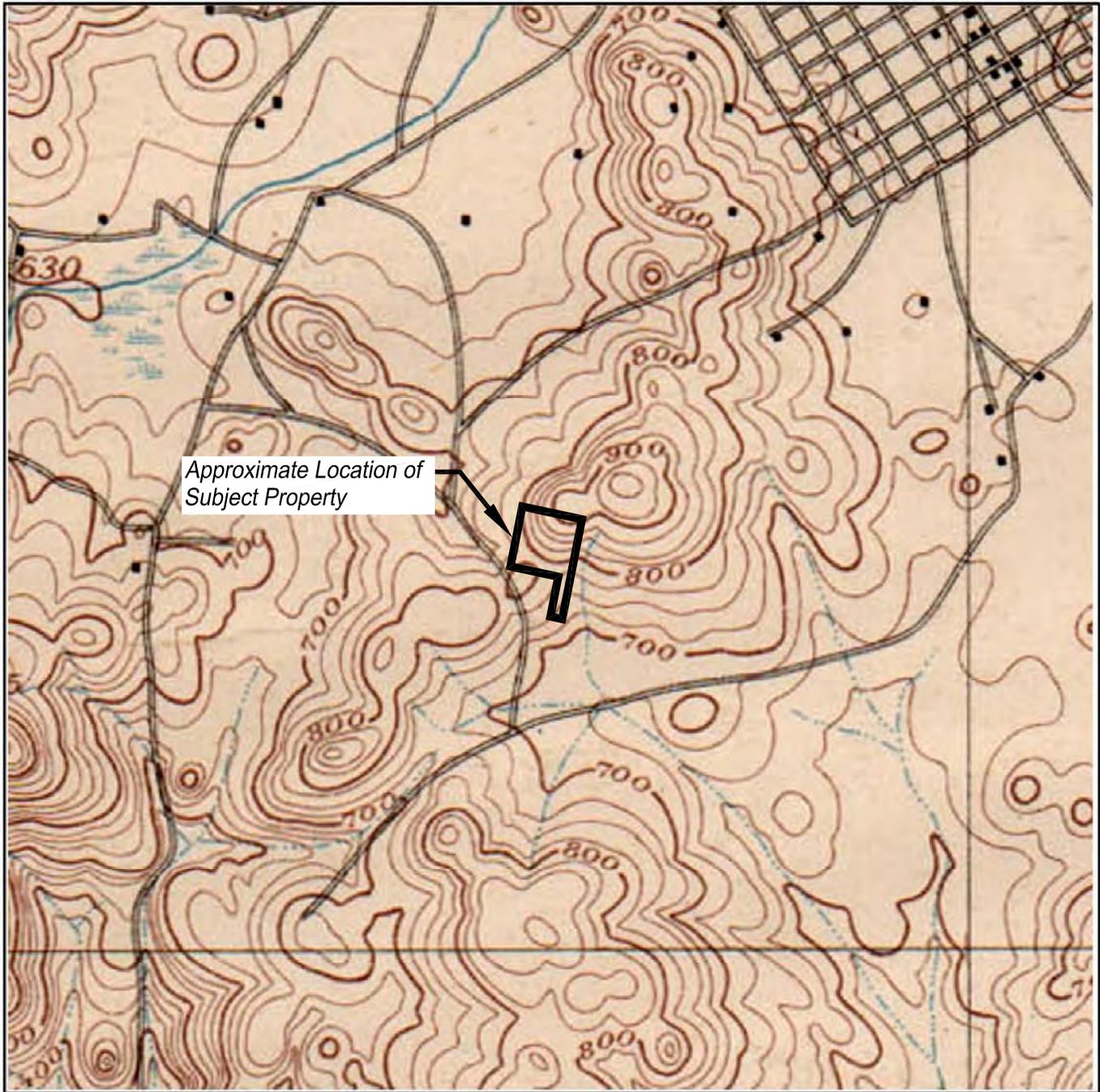


Environmental FirstSearch



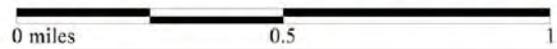
Historical Topographic Map

Quad Name: Escondido, CA
Year: 1893 Original Map Scale: 1:62,500
2115 Amanda Lane, Escondido, CA 92029



Approximate Location of Subject Property

Job Number: E6269-SC
Target Site: 33.098247, -117.099105



GeoSoils, Inc.

RIVERSIDE CO.
ORANGE CO.
SAN DIEGO CO.

**1893
TOPO MAP**

Plate D-16

W.O. E6269-SC

DATE: 6/11

SCALE: AS SHOWN

Track Info Services City Directory Report



Prepared for: Bryan Voss – Geosoils, Inc

Client Job No/Name: E6269-SC
TIS Log No: 63177

Subject Property:
2115 Amanda Ln
Escondido, CA 92029

June 26, 2011

DISCLAIMER

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Track Info Services City Directory Report
--

Addresses of Potential Concern: A summary of gas stations, cleaners, automotive shops, and other address occupants of potential environmental concern located on the subject street, within the vicinity of the target address. The addresses listed are included in the body of the report.

YEAR	ADDRESS	OCCUPANT
<i>No Addresses of Potential Concern identified on the subject street, within vicinity of the Target address.</i>		

Track Info Services City Directory Report
--

2011 Haines: North San Diego County p. 31		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Ewing William H
2007 Haines: North San Diego County p. 27		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Ewing William H
2002 Haines: North San Diego County p. 27		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Ewing William H; Atwater Michael
1997 Haines: North San Diego County p. 21		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Satterfield J
1992 Haines: North San Diego County p. 18		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Satterfield J
1989 Haines: North San Diego County p. 19		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Satterfield J
1984 Haines: North San Diego County p. 16		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	2149 Amanda Ln Satterfield J
1980 Haines: North San Diego County p. 16		
Amanda Ln First listing this street is 2115	2115 Amanda Ln Ulman Wm J	Amanda Ln Only listing odd side of street is 2115
End Of Search due to: <i>A) earlier directory or street listing not found; B) listing out of range, listings re-numbered, or no numeric listings</i>		

Track Info Services City Directory Report

Notes:

- Subject Property is in bold, the next lowest address on the same side of the street is to the left and the next highest address on the same side of the street is to the right.
- The next lowest and highest addresses are the closest listed for the same side of the street as the target and may or may not be adjacent. They are the closest listed in the source consulted.
- Occupant names and statements such as 'Vacant', 'No info' and 'Under constr' are verbatim.
- Occupant names are listed once per address although they may be listed multiple times in the directory.
- A forward slash between names indicates multiple companies listed under same main company.
- Previous refers to source and entries listed above what is being read.
- The source used is cited in the row above referenced address and occupant.



HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

Report Date: 6/20/2011

Client Job Number: E6269-SC

FirstSearch Index Number: 268444

Site Address(es): 2115 AMANDA LANE

ESCONDIDO, CA 92029

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company LLC obtained through online access to the Library of Congress as well as the result of a review of the other fire insurance map microfilm collections available via various local libraries.

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FirstSearch Technology Corporation

*10 Cottage Street, Norwood, MA 02062
Tel: 781-551-0470 Fax: 781-551-0471*

APPENDIX E

**AGENCY RECORDS SEARCH
(Provided on the Compact Disc as a PDF Document)**

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property: APN 235-202-35-00

2115 AMANDA LANE

ESCONDIDO CA 92029

Job Number: E6269-SC

PREPARED FOR:

Geosoils, Inc.

5741 Palmer Way

Carlsbad, CA 92008

06-20-11



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch Search Summary Report

Target Site: 2115 AMANDA LANE
ESCONDIDO CA 92029

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-01-11	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	04-01-11	0.50	0	0	0	0	-	0	0
CERCLIS	Y	03-31-11	0.50	0	0	0	0	-	0	0
NFRAP	Y	03-31-11	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	04-22-11	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	04-22-11	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	04-22-11	0.25	0	0	0	-	-	1	1
RCRA NLR	Y	04-22-11	0.12	0	0	-	-	-	0	0
Federal Brownfield	Y	05-04-11	0.25	0	0	0	-	-	0	0
ERNS	Y	04-18-11	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	03-14-11	1.00	0	0	0	0	1	0	1
State Spills 90	Y	06-01-11	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	06-01-11	0.50	1	0	0	0	-	0	1
State/Tribal LUST	Y	06-01-11	0.50	0	0	0	0	-	0	0
State/Tribal UST/AST	Y	06-13-11	0.25	0	0	0	-	-	1	1
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	06-01-11	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	03-14-11	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	NA	0.50	0	0	0	0	-	0	0
State Permits	Y	06-01-11	0.12	0	0	-	-	-	0	0
State Other	Y	05-24-11	0.25	0	0	0	-	-	0	0
Federal IC/EC	Y	05-16-11	0.50	0	0	0	0	-	0	0
HW Manifest	Y	08-02-10	0.12	0	0	-	-	-	0	0
- TOTALS -				1	0	0	0	1	3	5

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state, and local agency sites residing in TRACK Info Services. All EPA, NPL, and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not guarantee the exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of the limitations and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 06-20-11
Requestor Name: Bryan Voss
Standard: ASTM-05

Search Type: COORD
Job Number: E6269-SC
Filtered Report

Target Site: 2115 AMANDA LANE
ESCONDIDO CA 92029

Demographics

Sites: 5	Non-Geocoded: 3	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-117.099105	-117:5:57	Easting:	490752.093
Latitude:	33.098247	33:5:54	Northing:	3661991.598
Elevation:	813		Zone:	11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

***Environmental FirstSearch
Target Site Summary Report***

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

TOTAL: 5 **GEOCODED:** 2 **NON GEOCODED:** 3 **SELECTED:** 0

<u>Map ID</u>	<u>DB Type</u>	<u>Site Name/ID/Status</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>ElevDiff</u>	<u>Page No.</u>
1	SWL	MAYHEW DUMP (ESCONDIDO I) SWIS37-CR-0045/CLOSED	GREENWOOD PLACE ESCONDIDO CA 92029	0.00 --	N/A	1

***Environmental FirstSearch
Sites Summary Report***

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

TOTAL: 5 **GEOCODED:** 2 **NON GEOCODED:** 3 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	SWL	MAYHEW DUMP (ESCONDIDO I) SWIS37-CR-0045/CLOSED	GREENWOOD PLACE ESCONDIDO CA 92029	0.00 --	N/A	1
2	STATE	CHATHAM BROTHERS BARREL YARD CAL37490029/ACTIVE	2257 BERNARDO AVE ESCONDIDO CA 92025	0.68 SE	- 155	3

***Environmental FirstSearch
Sites Summary Report***

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

TOTAL: 5 **GEOCODED:** 2 **NON GEOCODED:** 3 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
TRIBALLAND		BUREAU OF INDIAN AFFAIRS CONTA BIA-92029	UNKNOWN CA 92029	NON GC	N/A	11
UST		VALERO HE17211062/NOT REPORTED	825 NORTH CITRACADO PY ESCONDIDO CA 92029	NON GC	N/A	13
RCRAGN		PALOMAR MEDICAL CENTER WEST CAR000217448/LGN	2185 WEST CITRACADO PKWY ESCONDIDO CA 92029	NON GC	N/A	18

Environmental FirstSearch
Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

SWL

SEARCH ID: 2 **DIST/DIR:** 0.00 -- **ELEVATION:** **MAP ID:** 1

NAME: MAYHEW DUMP (ESCONDIDO I)	REV: 06/01/11
ADDRESS: GREENWOOD PLACE	ID1: SWIS37-CR-0045
ESCONDIDO CA 92123	ID2:
SAN DIEGO	STATUS: CLOSED
CONTACT:	PHONE:
SOURCE: CA IWMB	

SITE OPERATOR INFORMATION:

Operator: County Of San Diego Solid Waste Division
Operator Address: 5469 Kearny Villa Rd., Suite 305 San Diego CA 92123
Permit Date:
Permit Status:
Land Use Name: Residential
GIS Source for LAT and LONG: Map

SITE ACTIVITY INFORMATION:

Activity: Solid Waste Disposal Site
Accepted Waste: Ash
Operational Status: Closed
Regulatory Status: Pre-regulations
Program Type:
Closure Date: 1/1/1950
Closure Type: Estimated
Permitted Throughput with Units:
Permitted Capacity with Units:
Remaining Capacity with Units (landfills only):
Permitted Total Acreage: 0
Permitted Disposal Acreage: 0
Last Tire Inspection Count:
Last Tire Inspection Count Date:
Inspection Frequency: Annual

SITE OWNER INFORMATION:

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
--	--

GENERAL SITE INFORMATION

Site Type:	State Response
Status:	Active
Status Date:	1996-04-18 00:00:00
NPL Site:	NO
Funding:	Responsible Party
Regulatory Agencies Involved:	SMBRP
Lead Agency:	SMBRP
Project Manager:	JOSEPH CULLY
Supervisor:	Greg Holmes
Branch:	Cleanup Cypress
Acres:	35
Assessor s Parcel Number:	NONE SPECIFIED
Past Uses:	RECYCLING - OTHER, RECYCLING - USED OIL
Potential Contaminants:	* HALOGENATED SOLVENTS * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL and MIXED OIL Lead Polychlorinated biphenyls (PCBs)
Confirmed Contaminants:	NONE SPECIFIED
Potential Media Affected:	OTH, SOIL, SURFW
Restricted Use:	NO
Site Management Required:	NONE SPECIFIED
Special Programs Associated with this Site:	

OTHER SITE NAMES (blank below = not reported by agency)

CHATHAM SITE

CAD990663361

110002611219

P41009

400029

37490029

INFORMATION ON SCHEDULED ACTIVITIES FOR THIS SITE (blank below = not reported by agency)

Area Name:	PROJECT WIDE
Sub-Area Name:	
Document Type:	5 Year Review Reports
Completion Due Date:	2010-09-30 00:00:00
Revised Completion Due Date:	

FUTURE ACTIVITIES (blank below = not reported by agency)

Area Name:	PROJECT WIDE
Sub-Area Name:	
Document Type:	Certification
Completion Due Date:	2011

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
--	--

COMPLETED ACTIVITIES AND DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>Long Term Monitoring Report</i>
Completion Date:	<i>2011-01-26 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>2004-07-14 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1993-01-05 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1993-06-25 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1994-02-05 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1995-02-05 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1998-07-17 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1998-09-04 00:00:00</i>
Comments:	
Area Name:	<i>PROJECT WIDE</i>
Sub- Area Name:	
Document Type:	<i>* Cost Recovery Settlements/Decrees</i>
Completion Date:	<i>1999-04-14 00:00:00</i>
Comments:	

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
--	--

Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 1999-03-31 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 2001-08-31 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 2003-02-04 00:00:00
Comments: Settlement with Hollandia (\$11,500) Future June 2004, June 2005, June 2006 - \$7,700 per year.
Settlement with Shell Oil (\$1,500). Settlement with Crest Motors (\$50,000).

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 2003-02-04 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 2003-02-04 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: * Cost Recovery Settlements/Decrees
Completion Date: 2003-03-31 00:00:00
Comments: Settlement Decree \$220,000 TLDYN.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: CEQA - Initial Study/ Neg. Declaration
Completion Date: 1998-01-20 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Consent Order
Completion Date: 1999-02-05 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

NAME: CHATHAM BROTHERS BARREL YARD	REV: 03/14/11
ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO	ID1: CAL37490029
	ID2: STATE RESPONSE
CONTACT:	STATUS: ACTIVE
SOURCE: CA DTSC	PHONE:

Document Type: *CEQA - Initial Study/ Neg. Declaration*
Completion Date: 1993-07-30 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Consent Order*
Completion Date: 1993-06-25 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Consent Order*
Completion Date: 1992-11-16 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Unilateral Order (I/SE, RAO, CAO, EPA AO)*
Completion Date: 1989-11-28 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Final Determination of Non-Compliance*
Completion Date: 1986-04-30 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Unilateral Order (I/SE, RAO, CAO, EPA AO)*
Completion Date: 1986-01-23 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: ** Discovery*
Completion Date: 1981-12-30 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Annual Oversight Cost Estim ate*
Completion Date: 2009-11-25 00:00:00
Comments:

Area Name: PROJECT WIDE

Sub- Area Name:
Document Type: *Correspondence*
Completion Date: 2008-01-18 00:00:00
Comments: *The former branch chief for this site, who had signatory authority for the account, sent a letter requesting that escrow funds be released.*

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
--	--

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Consent Order
Completion Date: 1998-03-09 00:00:00
Comments: This was a consent decree with the Chatham family, signed on March 9, 1998.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Annual Oversight Cost Estim ate
Completion Date: 2010-10-26 00:00:00
Comments: Letter mailed out this day.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: 5 Year Review Reports
Completion Date: 2005-08-11 00:00:00
Comments: 3.5-year review was completed August 11, 2005.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Remedy Constructed: Operating Properly and Successfully
Completion Date: 2000-11-13 00:00:00
Comments: Off Yard removal completed. Vapor Extraction and Ground Water Treatment Systems are operating.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Remedial Design - Preliminary/Intermediate
Completion Date: 1999-08-18 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Remedial Action Plan
Completion Date: 1998-01-20 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Remedial Investigation / Feasibility Study
Completion Date: 1996-12-20 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1995-11-06 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1994-06-30 00:00:00

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

NAME: CHATHAM BROTHERS BARREL YARD
ADDRESS: 2257 BERNARDO AVE
ESCONDIDO CA 92029
SAN DIEGO

REV: 03/14/11
ID1: CAL37490029
ID2: STATE RESPONSE
STATUS: ACTIVE
PHONE:

CONTACT:
SOURCE: CA DTSC

Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Workplan
Completion Date: 1993-07-30 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 1990-06-30 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1990-06-30 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1990-08-29 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Public Participation Plan / Community Relations Plan
Completion Date: 1987-12-31 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1987-04-21 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Removal Action Completion Report
Completion Date: 1981-12-30 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Operations and Maintenance Plan
Completion Date: 2006-03-27 00:00:00
Comments: The consultant submitted the OandM plan for the groundwater remediation system facility and soil vapor extraction system, dated February 6, 2006. DTSC approved this plan by a letter dated March 27, 2006.

Area Name: PROJECT WIDE
Sub- Area Name:

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
--	--

Document Type: *Site Screening*
Completion Date: *2006-04-26 00:00:00*
Comments: *U.S. EPA approved the site screening assessment report on April 12, 2006.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Operations and Maintenance Plan*
Completion Date: *2007-04-25 00:00:00*
Comments: *On March 1, 2007, DTSC sent a letter to the consultant for the PRP group, officially stating that the EISB workplan had been approved.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2007-04-27 00:00:00*
Comments: *On April 27, 2007, DTSC sent a letter to the PRP Group consultant stating that DTSC approved the technical memorandum as discussed in the February 19, 2007 response to DTSC s comments.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Other Report*
Completion Date: *2007-03-16 00:00:00*
Comments:

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Other Report*
Completion Date: *2007-04-27 00:00:00*
Comments: *On April 27, 2007, DTSC sent a letter to the PRP group consultant, stating that DTSC approved of the proposed decommissioning and replacing of shallow monitor well MW-47.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Operations and Maintenance Report*
Completion Date: *2008-05-16 00:00:00*
Comments: *Report accepted, no further action needed.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Operations and Maintenance Report*
Completion Date: *2008-05-16 00:00:00*
Comments: *DTSC is not requiring any further action for this report.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Site Screening*
Completion Date: *1997-05-15 00:00:00*
Comments: *DTSC site screening was dated May 15, 1997. Recommended referral to DTSC s site mitigation program.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Operations and Maintenance Report*

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

<p>NAME: CHATHAM BROTHERS BARREL YARD ADDRESS: 2257 BERNARDO AVE ESCONDIDO CA 92029 SAN DIEGO CONTACT: SOURCE: CA DTSC</p>	<p>REV: 03/14/11 ID1: CAL37490029 ID2: STATE RESPONSE STATUS: ACTIVE PHONE:</p>
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Completion Date: 2008-05-16 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Technical Workplan
Completion Date: 2008-08-21 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Fact Sheets
Completion Date: 2005-11-14 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Fact Sheets
Completion Date: 2005-11-14 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 2008-12-10 00:00:00
Comments: DTSC had no comments on this report.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 2008-08-25 00:00:00
Comments: This is only a status report. DTSC will not make comments on this report, and will not ask for modifications.

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 2008-11-19 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 2008-11-13 00:00:00
Comments:

Area Name: PROJECT WIDE
Sub- Area Name:
Document Type: Other Report
Completion Date: 2008-11-13 00:00:00
Comments:

Area Name: PROJECT WIDE

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

STATE

SEARCH ID: 1 **DIST/DIR:** 0.68 SE **ELEVATION:** 658 **MAP ID:** 2

NAME: CHATHAM BROTHERS BARREL YARD
ADDRESS: 2257 BERNARDO AVE
ESCONDIDO CA 92029
SAN DIEGO

REV: 03/14/11
ID1: CAL37490029
ID2: STATE RESPONSE
STATUS: ACTIVE
PHONE:

CONTACT:
SOURCE: CA DTSC

Sub- Area Name:
Document Type: *Operations and Maintenance Report*
Completion Date: *2008-12-18 00:00:00*
Comments: *DTSC did not comment on this.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2009-02-18 00:00:00*
Comments: *DTSC had no comments to make on this document.*

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2010-02-24 00:00:00*
Comments:

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2010-02-24 00:00:00*
Comments:

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2011-01-26 00:00:00*
Comments:

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Long Term Monitoring Report*
Completion Date: *2011-01-26 00:00:00*
Comments:

Area Name: *PROJECT WIDE*
Sub- Area Name:
Document Type: *Community Profile*
Completion Date: *2010-09-01 00:00:00*
Comments:

**Environmental FirstSearch
Site Detail Report**

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

TRIBALLAND

SEARCH ID: 5 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION
ADDRESS: UNKNOWN
CA 92029
SAN DIEGO

REV: 01/15/08
ID1: BIA-92029
ID2:
STATUS:
PHONE:

CONTACT:
SOURCE: BIA

BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION

OFFICE: Pacific Regional Office
CONTACT: CLAY GREGORY, REGIONAL DIRECTOR

ADDRESS: 2800 Cottage Way
Sacramento CA 95825

PHONE: Phone: 916-978-6000
FAX: Fax: 916-978-6099

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address <http://home.nps.gov/nacd/>

**Environmental FirstSearch
Site Detail Report**

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

UST

SEARCH ID: 4 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: VALERO	REV: 05/24/11
ADDRESS: 825 NORTH CITRACADO PY ESCONDIDO CA 92029 SAN DIEGO	ID1: HE17211062
CONTACT: KGD ENTERPRISES, INC	ID2:
SOURCE: SAN DIEGO CO	STATUS: NOT REPORTED
	PHONE: 760-233-2204

TANK IDs

Permit Number: 211062
Tank Number: T001
Tank ID Number: 1

TANK CHARACTERISTICS INFORMATION

Capacity: 6000
Contents: REGULAR UNLEADED

Tank System Type: SINGLE WALL
Primary Tank Material: BARE STEEL
Tank Interior Lining or Coating:
Tank Exterior Corrosion Protection:
Overfill Device: OVRFILL UNKNOWN
Spill Buckets:

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: NO TANK MONIT DEV INFO

PIPING INFORMATION

Pipe Construction:
Pipe Primary Material: UNKNOWN
Pipe Monitor Device: NO PIPE MONIT DEV INFO
Pipe Monitor Device Alternative: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING
ALTERNATIVE DURING INSPECTION.

REGULATORY INFORMATION

Regulatory Status Date: 11/08/86
Regulatory Status Code Description: REMOVED

TANK IDs

Permit Number: 211062
Tank Number: T002
Tank ID Number: 2

TANK CHARACTERISTICS INFORMATION

Capacity: 6000
Contents: REGULAR UNLEADED

Tank System Type: SINGLE WALL
Primary Tank Material: BARE STEEL
Tank Interior Lining or Coating:
Tank Exterior Corrosion Protection:
Overfill Device: OVRFILL UNKNOWN
Spill Buckets:

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: NO TANK MONIT DEV INFO

PIPING INFORMATION

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

UST

SEARCH ID: 4 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: VALERO	REV: 05/24/11
ADDRESS: 825 NORTH CITRACADO PY ESCONDIDO CA 92029 SAN DIEGO	ID1: HE17211062
CONTACT: KGD ENTERPRISES, INC	ID2:
SOURCE: SAN DIEGO CO	STATUS: NOT REPORTED
	PHONE: 760-233-2204

Pipe Construction:
Pipe Primary Material: UNKNOWN
Pipe Monitor Device: NO PIPE MONIT DEV INFO
Pipe Monitor Device Alternative: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

REGULATORY INFORMATION

Regulatory Status Date: 11/08/86
Regulatory Status Code Description: REMOVED

TANK IDs

Permit Number: 211062
Tank Number: T003
Tank ID Number: 3

TANK CHARACTERISTICS INFORMATION

Capacity: 6000
Contents: PREMIUM UNLEADED

Tank System Type: SINGLE WALL
Primary Tank Material: BARE STEEL
Tank Interior Lining or Coating:
Tank Exterior Corrosion Protection:
Overfill Device: OVRFILL UNKNOWN
Spill Buckets:

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: NO TANK MONIT DEV INFO

PIPING INFORMATION

Pipe Construction:
Pipe Primary Material: UNKNOWN
Pipe Monitor Device: NO PIPE MONIT DEV INFO
Pipe Monitor Device Alternative: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

REGULATORY INFORMATION

Regulatory Status Date: 11/08/86
Regulatory Status Code Description: REMOVED

TANK IDs

Permit Number: 211062
Tank Number: T004
Tank ID Number: 4

TANK CHARACTERISTICS INFORMATION

Capacity: 8000
Contents: LEADED

Tank System Type: SINGLE WALL
Primary Tank Material: BARE STEEL
Tank Interior Lining or Coating:

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

UST

SEARCH ID: 4 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: VALERO	REV: 05/24/11
ADDRESS: 825 NORTH CITRACADO PY ESCONDIDO CA 92029 SAN DIEGO	ID1: HE17211062
CONTACT: KGD ENTERPRISES, INC	ID2:
SOURCE: SAN DIEGO CO	STATUS: NOT REPORTED
	PHONE: 760-233-2204

Tank Exterior Corrosion Protection:
Overfill Device: OVRFILL UNKNOWN
Spill Buckets:

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: NO TANK MONIT DEV INFO

PIPING INFORMATION

Pipe Construction:
Pipe Primary Material: UNKNOWN
Pipe Monitor Device: NO PIPE MONIT DEV INFO
Pipe Monitor Device Alternative: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING
ALTERNATIVE DURING INSPECTION.

REGULATORY INFORMATION

Regulatory Status Date: 11/08/86
Regulatory Status Code Description: REMOVED

TANK IDs

Permit Number: 211062
Tank Number: T005
Tank ID Number: RT0807 UNL

TANK CHARACTERISTICS INFORMATION

Capacity: 10000
Contents: REGULAR UNLEADED

Tank System Type: DOUBLE WALL
Primary Tank Material: FIBERGLASS/PLASTIC
Tank Interior Lining or Coating: UNLINED
Tank Exterior Corrosion Protection:
Overfill Device: AUTO SHUTOFF and H L ALRM+BL FL
Spill Buckets: SPILL BASIN

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: VEEDER ROOT

PIPING INFORMATION

Pipe Construction: SINGLE WALL
Pipe Primary Material: FIBERGLASS
Pipe Monitor Device: VEEDER ROOT
Pipe Monitor Device Alternative: DW TNK SW PRESSURE PIPE W/ SHUTOFF LLD: INTERSTITIAL, PIPE TES T
ANNUALLY 0.1 GAL/HR OR MONTHLY 0.2 GAL/HR.

REGULATORY INFORMATION

Regulatory Status Date:
Regulatory Status Code Description: ACTIVE

TANK IDs

Permit Number: 211062
Tank Number: T006

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

UST

SEARCH ID: 4 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: VALERO	REV: 05/24/11
ADDRESS: 825 NORTH CITRACADO PY ESCONDIDO CA 92029 SAN DIEGO	ID1: HE17211062
CONTACT: KGD ENTERPRISES, INC	ID2:
SOURCE: SAN DIEGO CO	STATUS: NOT REPORTED
	PHONE: 760-233-2204

Tank ID Number: RT0807 UNL

TANK CHARACTERISTICS INFORMATION

Capacity: 10000
Contents: DIESEL

Tank System Type: DOUBLE WALL
Primary Tank Material: FIBERGLASS/PLASTIC
Tank Interior Lining or Coating: UNLINED
Tank Exterior Corrosion Protection:
Overfill Device: HI LVL ALARM and BALL FLOAT
Spill Buckets: SPILL BASIN

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: VEEDER ROOT

PIPING INFORMATION

Pipe Construction: SINGLE WALL
Pipe Primary Material: FIBERGLASS
Pipe Monitor Device: VEEDER ROOT
Pipe Monitor Device Alternative: DW TNK SW PRESSURE PIPE W/ SHUTOFF LLD: INTERSTITIAL, PIPE TEST
ANNUALLY 0.1 GAL/HR OR MONTHLY 0.2 GAL/HR.

REGULATORY INFORMATION

Regulatory Status Date:
Regulatory Status Code Description: ACTIVE

TANK IDs

Permit Number: 211062
Tank Number: T007
Tank ID Number: RT0807 UNL

TANK CHARACTERISTICS INFORMATION

Capacity: 10000
Contents: PREMIUM UNLEADED

Tank System Type: DOUBLE WALL
Primary Tank Material: FIBERGLASS/PLASTIC
Tank Interior Lining or Coating: UNLINED
Tank Exterior Corrosion Protection:
Overfill Device: AUTO SHUTOFF and H L ALRM+BL FL
Spill Buckets: SPILL BASIN

TANK TESTING and MONITORING INFORMATION

Is System 1998 Standards Certified (Y/N):
Tank Monitor Device: VEEDER ROOT

PIPING INFORMATION

Pipe Construction: SINGLE WALL
Pipe Primary Material: FIBERGLASS
Pipe Monitor Device: VEEDER ROOT
Pipe Monitor Device Alternative: DW TNK SW PRESSURE PIPE W/ SHUTOFF LLD: INTERSTITIAL, PIPE TEST

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

UST

SEARCH ID: 4	DIST/DIR: NON GC	ELEVATION:	MAP ID:
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NAME: VALERO
ADDRESS: 825 NORTH CITRACADO PY
ESCONDIDO CA 92029
SAN DIEGO
CONTACT: KGD ENTERPRISES, INC
SOURCE: SAN DIEGO CO

REV: 05/24/11
ID1: HE17211062
ID2:
STATUS: NOT REPORTED
PHONE: 760-233-2204

ANNUALLY 0.1 GAL/HR OR MONTHLY 0.2 GAL/HR.

REGULATORY INFORMATION

Regulatory Status Date:

Regulatory Status Code Description: ACTIVE

**Environmental FirstSearch
Site Detail Report**

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

RCRAGN

SEARCH ID: 3 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: PALOMAR MEDICAL CENTER WEST	REV: 4/22/11
ADDRESS: 2185 WEST CITRACADO PKWY	ID1: CAR000217448
ESCONDIDO CA 92029	ID2:
SAN DIEGO	STATUS: LGN
CONTACT:	PHONE:
SOURCE: EPA	

SITE INFORMATION

CONTACT INFORMATION: JONATHAN D HULS
2185 W CITRACADO PKWY
ESCONDIDO CA 92029

PHONE: 858-583-8045

UNIVERSE INFORMATION:

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA:	N - NO
SUBJCA TSD 3004:	N - NO
SUBJCA NON TSD:	N - NO
SIGNIFICANT NON-COMPLIANCE(SNC):	N - NO
BEGINNING OF THE YEAR SNC:	
PERMIT WORKLOAD:	----
CLOSURE WORKLOAD:	----
POST CLOSURE WORKLOAD:	----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS:	----
CORRECTIVE ACTION WORKLOAD:	N - NO
GENERATOR STATUS:	LQG - LARGE QUANTITY GENERATORS: GENERATES MORE THAN 100 0
KG/MONTH OF HAZARDOUS WASTE	
INSTITUTIONAL CONTROL:	N
HUMAN EXPOSURE:	
GW CONTROLS:	
LAND TYPE:	O

NAIC INFORMATION

62211 - GENERAL MEDICAL AND SURGICAL HOSPITALS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

151
171
181
214
221
223

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

RCRAGN

SEARCH ID: 3 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: PALOMAR MEDICAL CENTER WEST
ADDRESS: 2185 WEST CITRACADO PKWY
ESCONDIDO CA 92029
SAN DIEGO

REV: 4/22/11
ID1: CAR000217448
ID2:
STATUS: LGN
PHONE:

CONTACT:
SOURCE: EPA

291
343
352
551

D001 - IGNITABLE WASTE
D008 - LEAD
D009 - MERCURY
D011 - SILVER

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

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

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

P042 - 1,2-BENZENEDIOL, 4-<1-HYDROXY-2-(METHYLAMINO)ETHYL>-, (R)- (OR) EPINEPHRINE

P075 - NICOTINE, and SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, and SALTS

U010 - AZIRINO <2,3:3,4>PYRROLO<1,2-A>INDOLE-4,7-DIONE, 6- AMINO-8-<<(AMINOCARBONYL)OXY>METHYL>-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, <1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)>- (OR) MITOMYCIN C

U035 - BENZENE BUTANOIC ACID, 4-<BIS(2-CHLOROETHYL)AMINO>- (OR) CHLORAMBUCIL

U058 - 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

U059 - 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-<(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY>-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

U150 - L-PHENYLALANINE, 4-<BIS(2-CHLOROETHYL)AMINO>- (OR) MELPHALAN

U206 - D-GLUCOSE, 2-DEOXY-2-<<(METHYLNITROSOAMINO)- CARBONYL>AMINO>- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D- (OR) STREPTOZOTOCIN

U237 - 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-<BIS(2-CHLOROETHYL)AMINO>- (OR) URACIL MUSTARD

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

RCRA CORACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN - Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST - Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR - database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are

Federally-administered lands within a reservation which may or may not be considered part of the reservation .
BUREAU OF INDIAN AFFIARS CONT ACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: *CA EPA* SMBRPD / CAL SIT ES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
- Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

CORTESE LIST -Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:

1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CAL SITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).

Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State Spills 90: *CA EPA* SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: *CA IWMB/SWRCB/COUNTY* SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..

Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (W MU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: *CA SWRCB/COUNTY* LUSTIS- The State Water Resources Control Board maintains a

database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal UST/AST: CA EPA/COUNTY/CITY ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST 's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

SWEEPS / FIDS STATE REGISTERED UNDERGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.

INDIAN LANDS UNDERGROUND STORAGE TANKS LIST - A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTs are administered by US EPA Region 9.

CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAs and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefore, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: CA EPA DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances. The Voluntary Cleanup Program (VCP) category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

Please Note: FirstSearch Reports list the above sites as DB Type VC.

RADON: NTIS NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: CA EPA/COUNTY SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has

underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.

SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY-Records maintained by the CA DTSC of Hazardous Waste Manifests used to track and document the transport of hazardous waste from a generator's site to the site of its final disposition.

State Other: US DOJ NATIONAL CLANDESTINE LABORATORY REGISTER - Database of 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 from the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

State Other: CA EPA/COUNTY SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

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3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
Please Note: FirstSearch Reports list the above sites as DB Type (STATE).
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)
Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMBRPD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program. **LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG-** The County of Los Angeles Public Health Investigation Compliant Control Log.

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.

RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.

SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.

SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

NPL DELISTED: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA/MA DEP/CT DEP* Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

RCRA NLR: *EPA* Environmental Protection Agency

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated annually

Tribal Lands: *DOI/BIA* United States Department of the Interior

Updated annually

State/Tribal Sites: *CA EPA* The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400

Updated quarterly/when available

State Spills 90: CA EPA The California State Water Resources Control Board

Updated when available

State/Tribal SWL: CA IWMB/SWRCB/COUNTY The California Integrated Waste Management Board

Phone:(916) 255-2331

The State Water Resources Control Board

Phone:(916) 227-4365

Orange County Health Department

Updated quarterly/when available

State/Tribal LUST: CA SWRCB/COUNTY The California State Water Resources Control Board

Phone:(916) 227-4416

San Diego County Department of Environmental Health

Updated quarterly/when available

State/Tribal UST/AST: CA EPA/COUNTY/CITY The State Water Resources Control Board

Phone:(916) 227-4364

CAL EPA Department of Toxic Substances Control

Phone:(916)227-4404

US EPA Region 9 Underground Storage Tank Program

Phone: (415) 972-3372

ALAMEDA COUNTY CUPAS:

* County of Alameda Department of Environmental Health

* Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union

ALPINE COUNTY CUPA:

* Health Department (Only updated by agency sporadically)

AMADOR COUNTY CUPA:

* County of Amador Environmental Health Department

BUTTE COUNTY CUPA

* County of Butte Environmental Health Division (Only updated by agency biannually)

CALAVERAS COUNTY CUPA:

* County of Calaveras Environmental Health Department

COLUSA COUNTY CUPA:

* Environmental Health Dept.

CONTRA COSTA COUNTY CUPA:

* Hazardous Materials Program

DEL NORTE COUNTY CUPA:

* Department of Health and Social Services

EL DORADO COUNTY CUPAS:

* County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)

* County of El Dorado EMD Tahoe Division (Only updated by agency annually)

FRESNO COUNTY CUPA:

* Haz. Mat and Solid Waste Programs

GLENN COUNTY CUPA:

* Air Pollution Control District

HUMBOLDT COUNTY CUPA:

* Environmental Health Division

IMPERIAL COUNTY CUPA:

* Department of Planning and Building

INYO COUNTY CUPA:

* Environmental Health Department

KERN COUNTY CUPA:

- * County of Kern Environmental Health Department
- * City of Bakersfield Fire Department

KINGS COUNTY CUPA:

- * Environmental Health Services

LAKE COUNTY CUPA:

- * Division of Environmental Health

LASSEN COUNTY CUPA:

- * Department of Agriculture

LOS ANGELES COUNTY CUPAS:

- * County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works

- * County of Los Angeles Environmental Programs Division

- * Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon

MADERA COUNTY CUPA:

- * Environmental Health Department

MARIN COUNTY CUPA:

- * County of Marin Office of Waste Management

- * City of San Rafael Fire Department

MARIPOSA COUNTY CUPA:

- * Health Department

MENDOCINO COUNTY CUPA:

- * Environmental Health Department

MERCED COUNTY CUPA:

- * Division of Environmental Health

MODOC COUNTY CUPA:

- * Department of Agriculture

MONO COUNTY CUPA:

- * Health Department

MONTEREY COUNTY CUPA:

- * Environmental Health Division

NAPA COUNTY CUPA:

- * Hazardous Materials Section

NEVADA COUNTY CUPA:

- * Environmental Health Department

ORANGE COUNTY CUPAS:

- * County of Orange Environmental Health Department

- * Cities of Anaheim, Fullerton, Orange, Santa Ana

- * County of Orange Environmental Health Department

PLACER COUNTY CUPAS:

- * County of Placer Division of Environmental Health Field Office

- * Tahoe City

- * City of Roseville Roseville Fire Department

PLUMAS COUNTY CUPA:

- * Environmental Health Department

RIVERSIDE COUNTY CUPA:

- * Environmental Health Department

SACRAMENTO COUNTY CUPA:

- * County Environmental Mgmt Dept, Haz. Mat. Div.

SAN BENITO COUNTY CUPA:

- * City of Hollister Environmental Service Department

SAN BERNARDINO COUNTY CUPAS:

- * County of San Bernardino Fire Department, Haz. Mat. Div.

- * City of Hesperia Hesperia Fire Prevention Department

- * City of Victorville Victorville Fire Department

SAN DIEGO COUNTY CUPA:

- * The San Diego County Dept. of Environmental Health HE 17/58

SAN FRANCISCO COUNTY CUPA:

- * Department of Public Health

SAN JOAQUIN COUNTY CUPA:

- * Environmental Health Division

SAN LUIS OBISPO COUNTY CUPAS:

- * County of San Luis Obispo Environmental Health Division
- * City of San Luis Obispo City Fire Department

SAN MATEO COUNTY CUPA:

- * Environmental Health Department

SANTA BARBARA COUNTY CUPA:

- * County Fire Dept Protective Services Division

SANTA CLARA COUNTY CUPAS:

- * County of Santa Clara Hazardous Materials Compliance Division
- * Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)
- * Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale

SANTA CRUZ COUNTY CUPA:

- * Environmental Health Department

SHASTA COUNTY CUPA:

- * Environmental Health Department

SIERRA COUNTY CUPA:

- * Health Department

SISKIYOU COUNTY CUPA:

- * Environmental Health Department

SONOMA COUNTY CUPAS:

- * County of Sonoma Department Of Environmental Health
- * Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa

STANISLAUS COUNTY CUPA:

- * Department of Environmental Resources Haz. Mat. Division

SUTTER COUNTY CUPA:

- * Department of Agriculture

TEHAMA COUNTY CUPA:

- * Department of Environmental Health

TRINITY COUNTY CUPA:

- * Department of Health

TULARE COUNTY CUPA:

- * Environmental Health Department

TUOLUMNE COUNTY CUPA:

- * Environmental Health

VENTURA COUNTY CUPAS:

- * County of Ventura Environmental Health Division
- * Cities of Oxnard, Ventura

YOLO COUNTY CUPA:

- * Environmental Health Department

YUBA COUNTY CUPA:

Updated quarterly/annually/when available

State/Tribal IC: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal VCP: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Permits: CA EPA/COUNTY The San Diego County Depart. Of Environmental Health
Phone:(619) 338-2211
San Bernardino County Fire Department
Phone:(909) 387-3080
CAL EPA, Department of Toxic Substances Control

Updated quarterly/when available

State Other: US DOJ U.S. Department of Justice

Updated when available

State Other: CA EPA/COUNTY The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400
The Los Angeles County Hazardous Materials Division
Phone: (323) 890-7806
Orange County Environmental Health Agency
Phone: (714) 834-3536
Riverside County Department of Environmental Health, Hazardous Materials Management Division
Phone:(951) 358-5055
Sacramento County Environmental Management Department

Updated quarterly/when available

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 2115 AMANDA LANE
ESCONDIDO CA 92029

JOB: E6269-SC

Street Name	Dist/Dir	Street Name	Dist/Dir
Amanda Ln	0.08 SW		
Black Hawk Glen	0.13 NW		
Blackhawk Glen	0.13 NW		
Blossom Hill Ln	0.20 SW		
Calle Catalina	0.21 SW		
Candlelight Glen	0.12 NE		
Citracado Pky	0.25 SW		
Condor Glen	0.18 NW		
Eagle Glen	0.19 NE		
Easter Pl	0.25 NW		
Eucalyptus Ave	0.04 SE		
Falcon Glen	0.16 NE		
Gamble Ln	0.20 SW		
Golden Crest Dr	0.12 SE		
Lorry Ln	0.24 NW		
Orange Ave	0.25 SE		
Owl Glen	0.25 NW		
Partridge Glen	0.23 NW		
Road Runner Glen	0.25 NE		
Scenic Dr	0.22 NW		
Sonrisa Glen	0.20 SW		

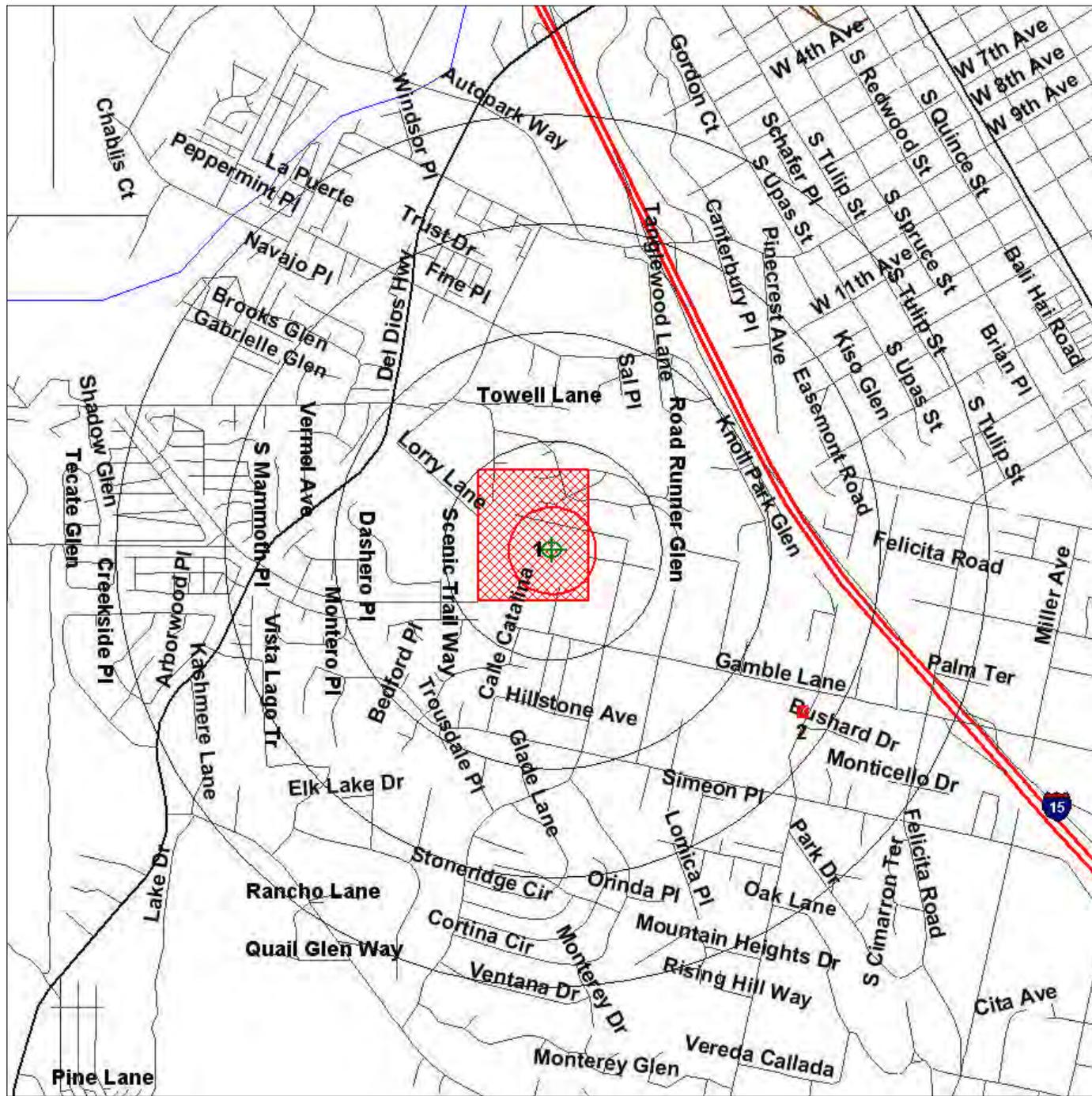


Environmental FirstSearch

1 Mile Radius
Single Map:



2115 AMANDA LANE, ESCONDIDO CA 92029



Source: U.S. Census TIGER Files

- Target Site (Latitude: 33.098247 Longitude: -117.099105)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



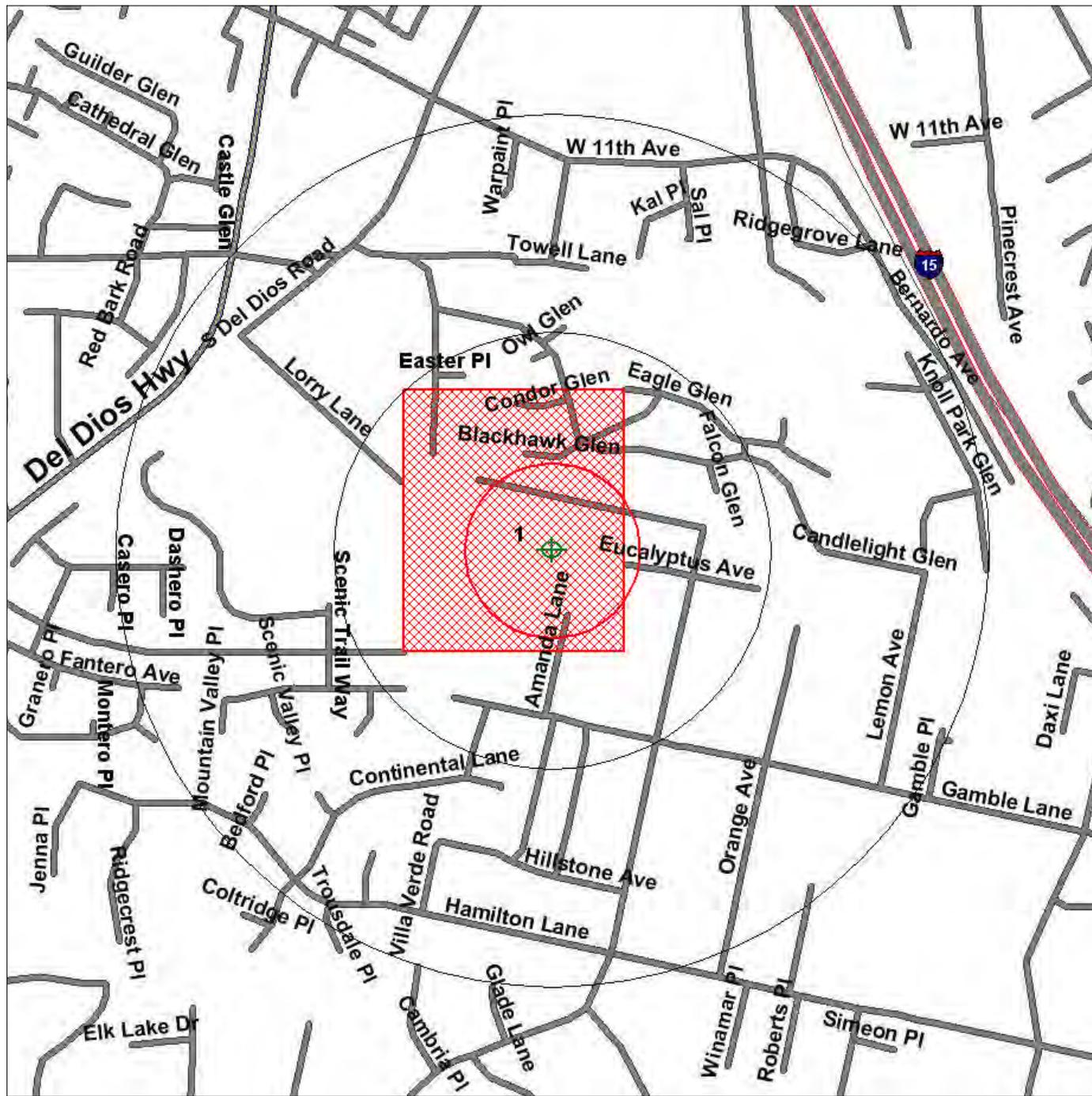


Environmental FirstSearch

.5 Mile Radius
ASTM-05: Multiple Databases



2115 AMANDA LANE, ESCONDIDO CA 92029



Source: U.S. Census TIGER Files

- Target Site (Latitude: 33.098247 Longitude: -117.099105)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



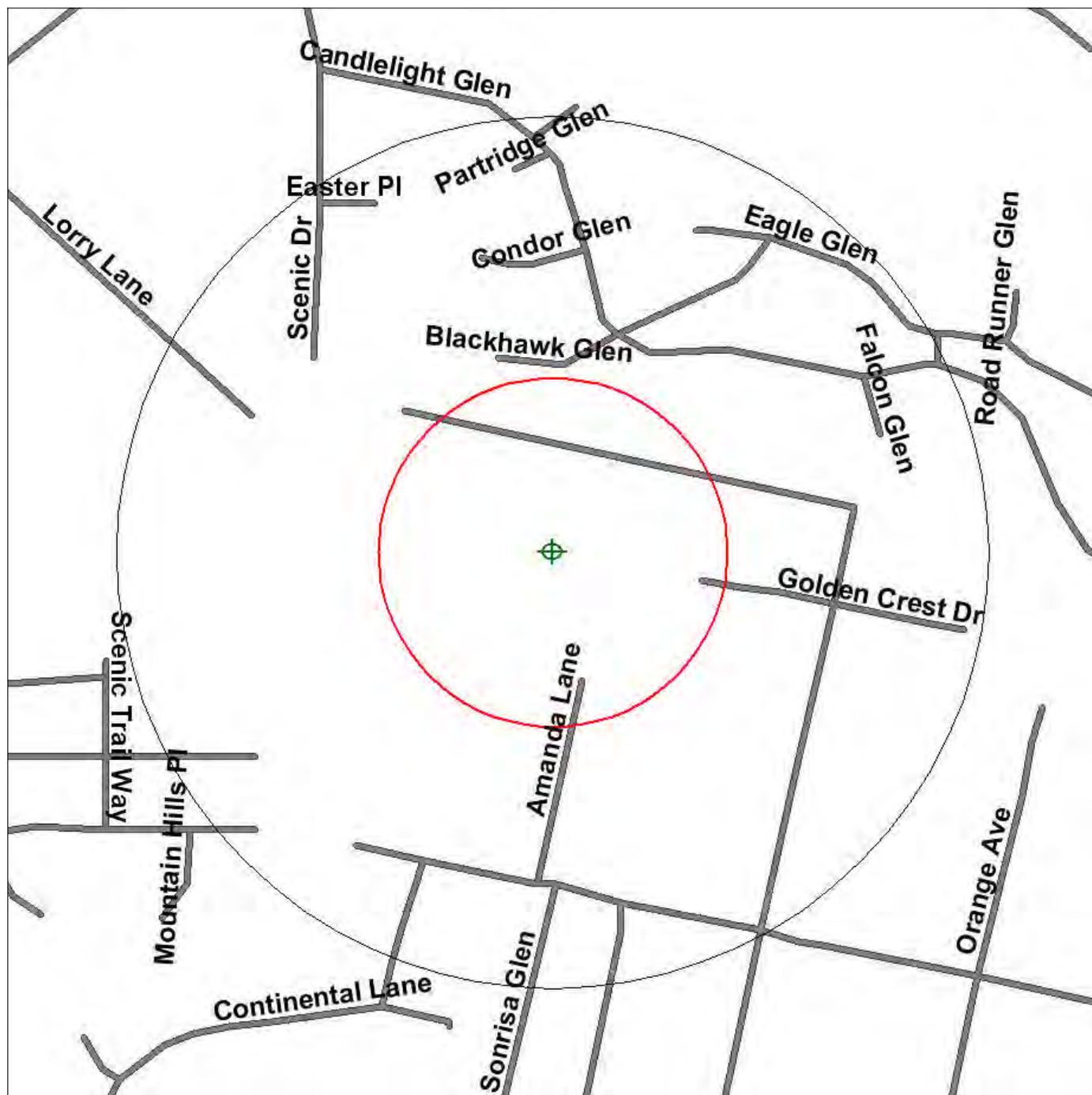


Environmental FirstSearch

.25 Mile Radius
ASTM-05: RCRA GEN, UST, OTHER



2115 AMANDA LANE, ESCONDIDO CA 92029



Source: U.S. Census TIGER Files

Target Site (Latitude: 33.098247 Longitude: -117.099105)

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



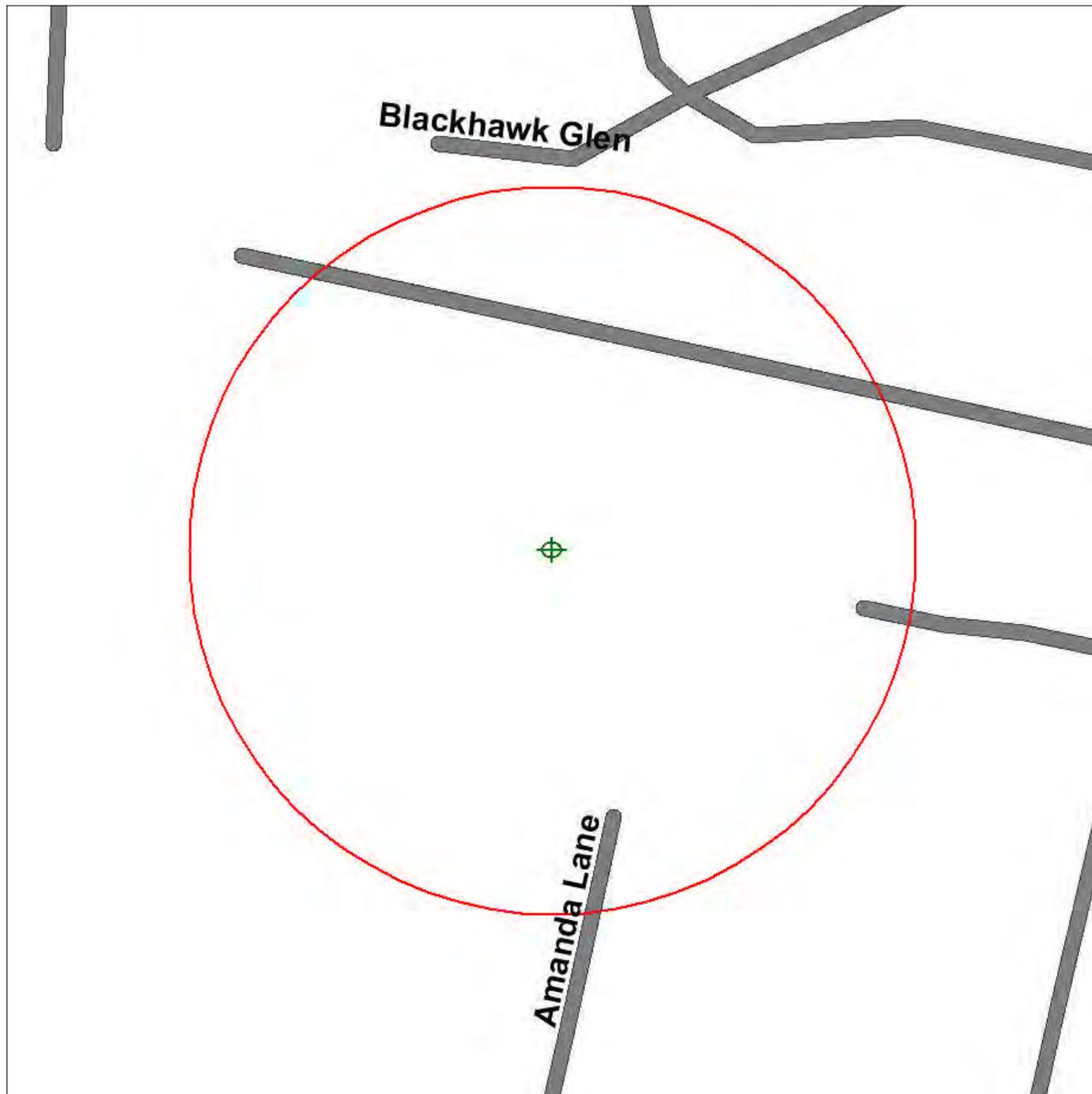


Environmental FirstSearch

.12 Mile Radius
ASTM-05: Multiple Databases



2115 AMANDA LANE, ESCONDIDO CA 92029



Source: U.S. Census TIGER Files

- Target Site (Latitude: 33.098247 Longitude: -117.099105) 
 - Identified Site, Multiple Sites, Receptor   
 - NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste 
 - Triballand 
 - Railroads 
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

APPENDIX F

LABORATORY TEST RESULTS



Environmental & Marine Chemistry Laboratories



CALSCIENCE

WORK ORDER NUMBER: 11-06-1600

The difference is service



AIR SOIL WATER MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: 2115 Amanda Lane

Attention: Bryan Voss
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 06/29/2011 by:
Richard Villafania
Project Manager

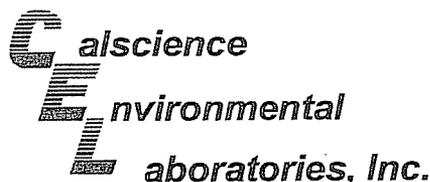
ResultLink >

Email your PM >



Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is provided herein and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety. Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

Page 1 of 6

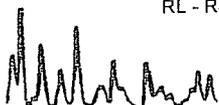
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1@0.5'	11-06-1600-1-A	06/22/11 09:33	Solid	GC-41	06/24/11	06/27/11 12:25	110624L11

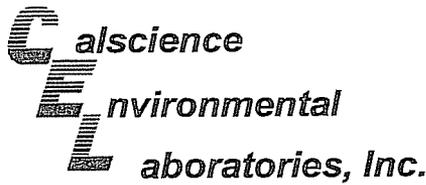
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	93	50-135			2,4,5,6-Tetrachloro-m-Xylene	96	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2@1.0'	11-06-1600-2-A	06/22/11 09:40	Solid	GC-41	06/24/11	06/27/11 12:41	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	94	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

Page 2 of 6

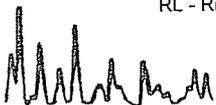
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S-3@0.5'	11-06-1600-3-A	06/22/11 09:48	Solid	GC-41	06/24/11	06/27/11 12:56	110624L11

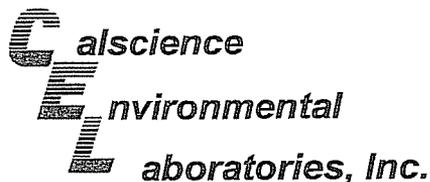
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	92	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4@1.0'	11-06-1600-4-A	06/22/11 10:00	Solid	GC-41	06/24/11	06/27/11 13:11	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	10	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	64	25	5		Gamma-BHC	ND	5.0	1	
4,4'-DDT	35	25	5		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	8.2	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	114	50-135			2,4,5,6-Tetrachloro-m-Xylene	94	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

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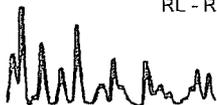
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5@0.5'	11-06-1600-5-A	06/22/11 10:12	Solid	GC 41	06/24/11	06/27/11 13:27	110624L11

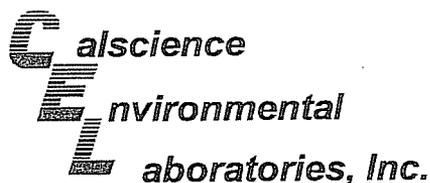
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	100	50-135			2,4,5,6-Tetrachloro-m-Xylene	99	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6@1.0'	11-06-1600-6-A	06/22/11 10:22	Solid	GC 41	06/24/11	06/27/11 13:42	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	95	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7@0.5'	11-06-1600-7-A	06/22/11 10:30	Solid	GC 41	06/24/11	06/27/11 13:57	110624L11

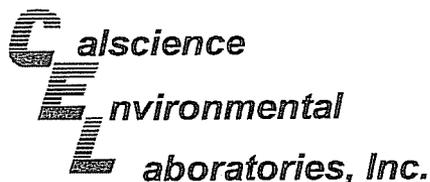
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Decachlorobiphenyl	89	50-135			2,4,5,6-Tetrachloro-m-Xylene	89	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8@1.0'	11-06-1600-8-A	06/22/11 10:40	Solid	GC 41	06/24/11	06/27/11 14:13	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Decachlorobiphenyl	104	50-135			2,4,5,6-Tetrachloro-m-Xylene	95	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

Page 5 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9@0.5'	11-06-1600-9-A	06/22/11 10:50	Solid	GC 41	06/24/11	06/27/11 14:43	110624L11

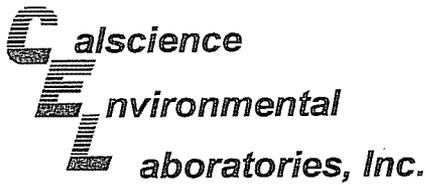
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	97	50-135			2,4,5,6-Tetrachloro-m-Xylene	94	50-135		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-10@1.0'	11-06-1600-10-A	06/22/11 11:00	Solid	GC 41	06/24/11	06/27/11 14:59	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	92	50-135			2,4,5,6-Tetrachloro-m-Xylene	88	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 2115 Amanda Lane

Page 6 of 6

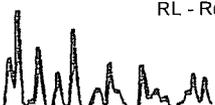
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-11@0.5	11-06-1600-11-A	06/22/11 11:30	Solid	GC-41	06/24/11	06/27/11 15:14	110624L11

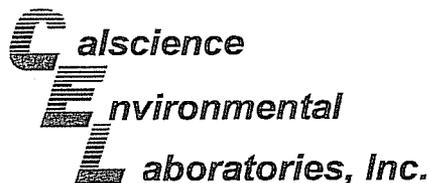
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	91	50-135			2,4,5,6-Tetrachloro-m-Xylene	87	50-135		

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-537-1,054	N/A	Solid	GC 41	06/24/11	06/27/11 11:09	110624L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aldrin	ND	5.0	1		Endosulfan II	ND	5.0	1	
Alpha-BHC	ND	5.0	1		Endosulfan Sulfate	ND	5.0	1	
Beta-BHC	ND	5.0	1		Endrin	ND	5.0	1	
Chlordane	ND	50	1		Endrin Aldehyde	ND	5.0	1	
4,4'-DDD	ND	5.0	1		Endrin Ketone	ND	5.0	1	
4,4'-DDE	ND	5.0	1		Gamma-BHC	ND	5.0	1	
4,4'-DDT	ND	5.0	1		Heptachlor	ND	5.0	1	
Delta-BHC	ND	5.0	1		Heptachlor Epoxide	ND	5.0	1	
Dieldrin	ND	5.0	1		Methoxychlor	ND	5.0	1	
Endosulfan I	ND	5.0	1		Toxaphene	ND	100	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Decachlorobiphenyl	88	50-135			2,4,5,6-Tetrachloro-m-Xylene	87	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

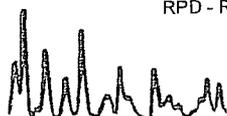
Date Received: 06/23/11
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A

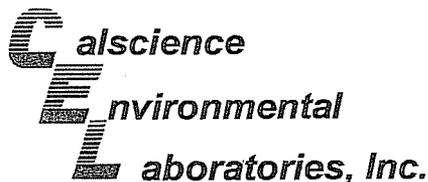
Project 2115 Amanda Lane

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-7@0.5'	Solid	GC 41	06/24/11	06/27/11	110624S11

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aldrin	107	100	50-135	7	0-25	
Alpha-BHC	116	108	50-135	8	0-25	
Beta-BHC	115	107	50-135	7	0-25	
4,4'-DDD	123	114	50-135	7	0-25	
4,4'-DDE	116	108	50-135	7	0-25	
4,4'-DDT	112	103	50-135	9	0-25	
Delta-BHC	121	112	50-135	8	0-25	
Dieldrin	109	101	50-135	8	0-25	
Endosulfan I	103	96	50-135	8	0-25	
Endosulfan II	109	101	50-135	7	0-25	
Endosulfan Sulfate	105	97	50-135	8	0-25	
Endrin	141	132	50-135	7	0-25	3
Endrin Aldehyde	91	86	50-135	6	0-25	
Gamma-BHC	119	111	50-135	7	0-25	
Heptachlor	114	106	50-135	8	0-25	
Heptachlor Epoxide	109	104	50-135	4	0-25	
Methoxychlor	103	95	50-135	9	0-25	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

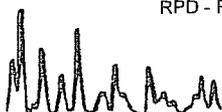
Date Received: N/A
Work Order No: 11-06-1600
Preparation: EPA 3545
Method: EPA 8081A

Project: 2115 Amanda Lane

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-537-1,054	Solid	GC 41	06/24/11	06/27/11	110624L11		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Aldrin	104	101	50-135	36-149	3	0-25	
Alpha-BHC	111	107	50-135	36-149	3	0-25	
Beta-BHC	109	106	50-135	36-149	3	0-25	
4,4'-DDD	109	106	50-135	36-149	3	0-25	
4,4'-DDE	107	103	50-135	36-149	3	0-25	
4,4'-DDT	102	99	50-135	36-149	3	0-25	
Delta-BHC	111	108	50-135	36-149	3	0-25	
Dieldrin	103	100	50-135	36-149	3	0-25	
Endosulfan I	101	98	50-135	36-149	2	0-25	
Endosulfan II	103	101	50-135	36-149	3	0-25	
Endosulfan Sulfate	100	98	50-135	36-149	3	0-25	
Endrin	118	115	50-135	36-149	3	0-25	
Endrin Aldehyde	94	92	50-135	36-149	2	0-25	
Gamma-BHC	113	109	50-135	36-149	3	0-25	
Heptachlor	110	107	50-135	36-149	2	0-25	
Heptachlor Epoxide	100	98	50-135	36-149	2	0-25	
Methoxychlor	96	93	50-135	36-149	2	0-25	

Total number of LCS compounds : 17
 Total number of ME compounds : 0
 Total number of ME compounds allowed : 1
 LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

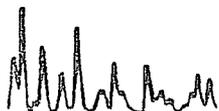


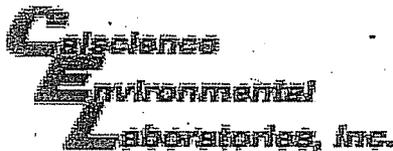


Work Order Number: 11-06-1600

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.





WORK ORDER #: 11-06-1600

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: GEOSOIL

DATE: 06/23/11

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 1.2 °C + 0.5°C (CF) = 1.7 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter

Initial: VS

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: VS

Sample _____ No (Not Intact) Not Present Initial: PT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input checked="" type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____

Water: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_p 1AGB 1AGB_{na2} 1AGB_s

500AGB 500AGJ 500AGJ_s 250AGB 250CGB 250CGB_s 1PB 500PB 500PB_{na}

250PB 250PB_n 125PB 125PB_{znna} 100PJ 100PJ_{na2} _____ _____ _____

Air: Tedlar® Summa® Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: PT

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: DL

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ znna: ZnAc₂+NaOH f: Field-filtered Scanned by: DL

APPENDIX G

**PRELIMINARY ASBESTOS AND
LEAD-BASED PAINT REVIEW**

APPLIED TOXICOLOGY



ASBESTOS MANAGEMENT & SURVEYS • ALLERGY...DUST, BACTERIA, PARTICULATES • ENVIRONMENTAL ANALYSIS

LIMITED Asbestos/Lead SCREEN

(Single Family House)

2115 Amanda Lane Escondido, CA 92029

Prepared for:

GeoSoils, Inc
5741 Palmer Way Carlsbad, CA 92010

Prepared by:

Applied Toxicology
Kenneth Medici, CAC #92-0007
1450 North Santa Fe Ave #C-144
Vista, California 92083

July 2011

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Section 2.0 Summary of all field and observation methods used.....	2
Section 3.0 Discussion of Findings.....	4

LIST OF APPENDICES

Appendix 1.0	List of Asbestos-Containing Materials List of Lead – Materials & Lead Hazards List of Suspect Samples Collected/Summary Lab Results
Appendix 2.0	Analytical Laboratory Results

LIMITED SCREENING VISIT

One House plus Detached Garage

Escondido, California

EXECUTIVE SUMMARY

The main house building consisted of lath and plaster walls and ceilings, multiple layers of floor tile, various types of acoustic ceiling materials, and various types of miscellaneous flooring, mastics. Roofing materials consisted of composition shingles and typical waterproofing papers. Exterior walls contained stucco material. HVAC attic area components were found to be fiberglass, but further inspection is required to confirm these findings. Attic areas were not fully entered. Asbestos sampling of the acoustic ceiling material found asbestos present. Sampling of some floor linoleums found asbestos present. Further asbestos testing is recommended. Lead paint was found to be present. All painted surfaces must be assumed to contain lead until proven not to contain lead by a Calif. Dept of health Services licensed Inspector/Assessor. The Garage was detached from the house and contained wood and stucco materials, along with typical roofing composition shingles and papers. The paint was found to be in good condition.

Condition of PACM or ACM

PACM means presumed asbestos-containing material - usually surfacing materials or TSI.(Thermal System Insulation). Untested suspect materials are considered ACM. (ACM) Asbestos-containing materials were found to exist in good condition in the hallways.

Section 1.0 Introduction

On Friday, June 24, 2011 Applied Toxicology conducted an initial asbestos and lead-based paint screening survey of only selected building areas at the above address. The client limited sampling to up to 2 samples total for all accessible materials. The client did not authorize destructive testing because the property was for sale. The primary objective of the work was to identify the existence and extent of major presumed-asbestos-containing materials (PACM's) and ACM utilizing non-destructive and light destructive sampling methods and investigations from readily accessible areas. The site construction is believed to have occurred in 1960's and additions completed since then. Bulk samples of acoustic ceiling, linoleum homogeneous material PACM's were collected and analyzed for asbestos content. An asbestos survey is different for each site as the initial data for each site is different (ie. age of building, type of building, past usage of the building). In this project, an initial walk-through was conducted to get an idea of the different site conditions and materials present. Lead paint chip sampling was not conducted as all paint was in good condition and destructive sampling was not authorized..

Areas such as behind/within walls, under existing ACM's, below linoleum, under the building, within the structure (hidden by known ACM or other bldg matl), under concrete, within layered components, within attic interstitial spaces, hidden by ACM or Lead, and not readily accessible areas were inaccessible within the scope of this screening testing.

Section 2.0 Summary of all Field and Observation Methods Used

Sample Collection

The screening of June 24, 2011 processed 4 asbestos suspect bulk samples resulting in 5 Polarized Light Microscopic analyses (PLM).. The testing of select homogeneous building material areas was conducted in a manner that minimized damage to the structure and minimized the health hazard to occupants or inspectors. The number of samples collected from each suspect homogeneous building material area did NOT follow EPA and HUD guidelines for Asbestos Surveying. Sample collection was limited and also the client required only non-destructive samples be collected and analyzed. Note: To assess a quantity of suspect material, inspection holes are required to be cut into the roof to view layers; likewise carpeting & linoleum and existing floor tiles must be pulled up to assess quantity of asbestos-containing black mastic and/or other ACM. Holes must be cut into the panels, lath and plaster (walls and ceilings), etc. to further explore for asbestos/suspect materials and lead suspect materials.

Sampling Protocol

This asbestos screening did not follow current recommended documents for surveying and abating asbestos-containing materials **Guidance for Controlling Asbestos-Containing Materials in Buildings**, 1985 Edition, and Volume 40 of the Code of Federal Regulations (40 CFR), Part 763, October 1987, **The Asbestos-Containing Materials In Schools Final Rule**, Asbestos Hazard Emergency Response Act (AHERA). Friable surfacing materials were NOT sampled using the random sampling scheme given in the EPA publication 560/5-85-030a, titled "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials." Whenever possible, between three and seven samples should be collected from friable surfacing materials, depending upon the size of the homogeneous area. However, the asbestos building inspector ultimately decides upon the number of samples required for each building material to properly assess for the presence of asbestos.

DEFINITION OF ASBESTOS-CONTAINING MATERIALS ACCORDING TO THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA):

Presumed Asbestos-Containing Materials (PACM) are those suspect building materials not yet tested for the presence of asbestos such as sprayed-on materials, ceiling tiles, roofing materials, floor tiles, wallboard materials, etc. A minimum of three to nine samples of each suspect material at random locations should be collected and analyzed for asbestos. Ultimate proper sampling protocol should be under the direction of an AHERA certified person. PACM applies to structures constructed prior to 1980. Therefore, all suspect materials not properly sampled/tested must be considered as asbestos-containing and handled/disposed of as such until proven not to contain asbestos via the above applicable testing protocol. Because of NFTA asbestos may be present in Buildings constructed today. The best method to determine if asbestos is present in buildings constructed presently is to collect bulk suspect samples and follow analysis procedures as shown in this survey report.

The process of sample collection involved recording the following sample information:

Suspect Homogenous Material Identification Number - A unique homogeneous material identification number is assigned to each different homogeneous suspect

material area of Table A-0. Initially multiple suspect homogeneous material sampling areas were found. Asbestos-containing material is defined in Table 1.0 of Appendix 1.0.

The Types of Friability Upon Sampling -

"Friable firm": a material that can be dislodged, scraped, or crumbled by hand, such as intact ceiling tiles or panels or acoustic ceiling material.

"Friable soft": a material that can be dislodged by the slightest hand pressure or air movement such as pipe insulation debris upon an attic floor similar to baby powder in texture or disturbed acoustic materials.

"Non-Friable": a material that cannot be crumbled, pulverized, or reduced to powder by hand pressure, such as roofing or floor tile in good condition.

Material Type - The type of building material, such as floor tile, stucco, drywall, roofing shingles, etc.

Material Appearance - Description of the appearance of the material, may include size, color, pattern, fibrous texture or gritty texture, etc.

Location - Description of where the homogeneous area of material is found in the building. The description may consist of a single room number or may consist of numerous rooms and locations scattered throughout the building. Roofing tar may only cover seams or portions of seams, etc.; therefore, its location is described to be in a general area.

Amount - An estimate of the amount of material that is present in the building. Homogeneous ACM's typically are hidden such as floor tile beneath carpet or layered roofing materials and cannot be accessed unless extensive destructive sampling can be performed. Measurement may be in linear feet for pipe insulation, square feet for fire proofing materials, or number of units, such as 3-inch pipe elbows, tees or expansion joints.

Substrate - Identifies the material beneath the homogeneous area of ACM when possible. The substrate is identified in three ways: which building surface it is (i.e., roof, wall, floor, etc.), type of material (i.e., sheet rock, steel etc.), and texture (i.e., smooth, rough, porous, etc). This information is provided when possible.

Analytical Laboratory Analysis

Select bulk suspect homogeneous area building material samples were analyzed using polarized light microscopes (PLM) in accordance with the EPA Interim Method for Determining Asbestos in Bulk Insulation Samples, EPA-600/M4-82-020 Method or equivalent.

Laboratory Analysis Results

Suspect homogeneous bulk material sampling areas are identified as being asbestos-containing material (ACM) if the laboratory analysis finds the material to contain more than 0.1% asbestos. The analytical laboratory results are presented in both Appendix 1.0 and Appendix 2.0.

The following information is provided for each bulk sample:

Sample Number:

A unique number was assigned to each sample collected in the field. The laboratory then assigns their own laboratory number as shown in Appendix 2.0.

Sample location:

A detailed description where the sample was collected from within or about the building as applicable. In Appendix 2.0 the laboratory briefly describes the location from the submitted chain of custody form supplied by the inspector collecting the samples.

Analytical Results:

Results of the laboratory analysis of the bulk samples are reported as a percentage of the sample for each type of asbestos fiber. Appendix 2.0 lists all analytical laboratory results and provides a copy of the Chain of Custody forms submitted and accepted.

Section 3.0 Discussion of Findings

STRUCTURE IDENTIFICATION

Type of Property..... House and detached Garage
Address..... 2115 Amanda Lane Escondido, CA
Area..... See owner plans and blue line drawings, see text above
Structures..... One structure found plus Garage and sheds

STRUCTURE CONSTRUCTION

Structure type..... Conventional Design Structures- slab foundations
Exterior Wall..... Wood or stucco wall
Floor Deck Construction.....concrete
Roof Deck Construction.....Wood or other composition shingle and tar
Roof Construction.....Conventional Wood, composition shingle and tars

FLOORS –common areas

Floors above grade.....one (attic present in all structures)
Floors below grade.....none found (except extension to backyard)
Foundation..... concrete

FINISHES common areas

Floors of the Bldgs..... Common areas – linoleum or other on concrete
Walls of the Bldgs..... Lath and plaster
Ceilings of Bldgs..... Plaster and lath, Acoustic spray-on ceilings or partial walls

HEATING – common areas

Bldgs HVAC inside attic
Water..... Water heater outside Kitchen in enclosure

Representative Asbestos Sreening

Multiple suspected homogeneous material sampling areas were identified. A homogeneous material sampling area was defined as a single material, uniform in texture and appearance, installed at one time, and unlikely to consist of more than one type, or formulation, of material. A multiple material homogeneous area could be defined as one homogeneous area if layered materials appear not easily separated during renovation or demolition activity. An example of this is as follows: An inspector observes an inseparable glued layered flooring material area and designates this area as one homogeneous area of multiple material types. If one type of layer within this multiple material composite is found to contain asbestos, then the entire multi-layer composite homogeneous area (inseparable) must be considered entirely asbestos-containing material. Various size screwdrivers, and scraping tools were used to investigate the internal texture and color of each suspect homogeneous material sampling area. Internal material that was not uniform in texture and color was considered to indicate the presence of another suspect homogeneous material. Based upon the conditions observed during initial sampling, the need for further sampling was evaluated. A chain of custody form was completed, reviewed, and signed on-site. A chain of custody was retained; samples were transported via Federal Express or by courier to a certified laboratory.

Asbestos suspect material bulk samples were collected (ID #X-01, 02, 03 and #X-04). Of the samples collected the following samples were reported by the analytical laboratory as containing asbestos: #X-01, #X-02, #X-03.

Table A-0 Suspect Homogeneous Material Areas – PACM-
Asbestos Materials Screening List.

PACM means Presumed Asbestos-Containing Material. List of suspect PACM materials observed on-site 24June2011 by K. Medici, CAC #92-0007 : (F) = Friable (NF) = Non-Friable Suspect homogeneous material sampling areas (HA):

1. PACM/untested suspect matls: - approx 2300 sq ft House only
(F) Linoleum Floor materials, multiple layered flooring and carpet mastics
2. PACM/untested suspect matls: House and Garage
(NF) Roof System - Multiple layered tars, multiple layered composition shingles
Approximately <4,000 sq ft
3. PACM/untested suspect matls: House only
(NF) (F). Wall and Ceiling System, plaster materials;
Approximately <10,000 sq ft (combined total)
4. PACM /untested suspect matls: House and Garage
(NF) Window sealants, window putty, window glazings.
Approximately >50 windows
5. PACM/untested suspect matls: House only
(F) Acoustic Ceiling Material - approx 2000 sq ft
6. (NF)(F) Exterior Stucco materials House and Garage
approx 4000 sq ft or less
7. HVAC Matl's & Attic Debris – house only – possible roofing debris from previous work
(F) approx 2000 sq ft

No access under bldg, inside attic (no walking boards), no access inside walls, etc.

TABLE A-1 Suspect Lead-Paint Materials

1. All painted surfaces inside and outside of house and garage bldgs

Conclusions and Recommendations

See Executive Summary. All PACM materials were assumed to contain asbestos. Flooring mastics were assumed to contain asbestos. Acoustic interior ceilings were tested and asbestos content of 10% was reported by the analytical laboratory. Plaster materials, were assumed to contain asbestos. Linoleum material was tested and reported by the Analytical laboratory as containing 15% asbestos. All painted surfaces should be assumed to contain lead until proven not to contain lead by a State Licensed inspector (www.cdph.ca.gov).

We recommend all building materials such as plaster, floor mastic, roof materials, linoleum, floor tiles not thoroughly tested or investigated be thoroughly investigated and tested for the presence of asbestos. There are many methods to investigate hidden ACM's under existing floor tile; one method is to scrape off the tile in massive sections 75% of the surface area and visually inspect for layered suspect ACM and black mastic ACM. We recommend full scrape of tiles 100% to properly investigate for hidden mastics and suspect ACM's under the existing tile using only California Licensed contractors certified in Asbestos Abatement by CAL/OSHA. Similarly, we recommend investigating other materials at this site in the same manner. Because of the age of the building and the known presence of ACM we recommend the building owner/operator only use California Licensed contractors certified in Asbestos Abatement by CAL/OSHA in any future disturbances of materials until a California Certified Asbestos Consultant gives written permission to otherwise proceed with any other type of disturbance. "Disturbance" in this context we define as any renovation, repair, soft demolition of existing building materials including disposal of these materials. Materials include but are not limited to wood plywood walls, drywall/plaster/lath, stucco, acoustic ceilings, flooring materials, floor mastics, linoleums, plumbing fixtures, HVAC items and equipment, foundation slab, roof system and roof tars, roof shingles, roof penetration mastics, HVAC, etc. The roof system materials are recommended as being treated as asbestos until proven not to contain asbestos. We recommend the owner utilize the services of a CAC to coordinate, plan and develop Abatement Project Design Specifications for bidding by California Licensed Contractors certified in Asbestos Abatement by CAL-OSHA prior to any renovation or demolition of any material known to contain asbestos or other existing materials. It is our understanding that Federal Law requires owners to proceed as if asbestos matls are present if unknown prior to disturbances.

The same recommendations apply to lead paint and dust. We recommend all lead hazards be addressed properly by employing a California Dept of Health licensed Lead-related construction Inspector/Assessor, project Designer, Supervisor to coordinated and plan corrective actions.....ASAP. We recommend lead-safe work practices be used and lead clean-up performed.

This screening report is not intended to be used as a stand alone document for bidding purposes by asbestos abatement contractors as we recommend the owner employ a CA Certified Asbestos Consultant to complete a comprehensive asbestos survey & develop and implement an asbestos abatement plan along with an air monitoring plan for community safety purposes.

The information presented in this Asbestos Survey is based upon the agreed upon scope of work outlined in the above Report text. This environmental assessment is based mainly upon a limited

collection and analysis of a limited number of samples from accessible suspected homogeneous material sampling areas. Current technology today can not fully detect all asbestos products at a building or within a building. Asbestos materials have been known to exist in over 3000 products and are known not to exist uniformly in any building material or uniformly throughout a building or structure. Thus Applied Toxicology can not guarantee the results of this survey. This report is not a legal opinion. The services performed by Applied Toxicology have been conducted in manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. It is current industry standard to further test for asbestos presence within individual walls, ceilings and floors, etc not specifically tested in previous asbestos surveys prior to demolition of an individual wall, ceiling, or floor. No warranty, expressed or implied is made. Applied Toxicology is not responsible for any claims or damages associated with interpretation of available information. Applied Toxicology makes no warranties or guarantees as to the accuracy or completeness of information obtained from or compiled by others. This assessment should not be regarded as a guarantee that no further asbestos or lead materials beyond that which was suspected to be present at the property, is present at this property. In the event site changes occur, or additional relevant information about the property is brought to our attention, the recommendations contained in this assessment may not be valid unless these changes and additional relevant information are reviewed and recommendations of this assessment are modified or verified in writing. Draft reports are not to be considered final reports.

Handwritten signature of Ken Medici and the date 7-5-11.

Ken Medici, Certified Asbestos Consultant
Cal-OSHA ID # 92-0007
CA Dept Of Health Certified Inspector / Assessor ID #1629

APPENDIX

1.0

LIST OF ASBESTOS-CONTAINING MATERIALS
LIST OF LEAD MATERIALS AND LEAD HAZARDS

LIST OF BULK SAMPLES COLLECTED

&

SUMMARY LABORATORY RESULTS

APPENDIX 1.0

**TABLE 1.0 ASBESTOS-CONTAINING MATERIALS (ACM) - 2115 Amanda Lane Escondido, CA 92029 (F) = Friable (NF) = Non-Friable
HA# = Homogenous Area **numerical** identification number**

1. PACM/untested suspect mats: - approx 2300 sq ft House only
(F) Linoleum Floor materials, multiple layered flooring and carpet mastics
2. PACM/untested suspect mats: House and Garage
(NF) Roof System - Multiple layered tars, multiple layered composition shingles
Approximately <4,000 sq ft
3. PACM/untested suspect mats: House only
(NF) (F). Wall and Ceiling System, plaster materials;
Approximately <10,000 sq ft (combined total)
4. PACM /untested suspect mats: House and Garage
(NF) Window sealants, window putty, window glazings.
Approximately >50 windows
5. PACM/untested suspect mats: House only
(F) Acoustic Ceiling Material - approx 2000 sq ft
6. (NF)(F) Exterior Stucco materials House and Garage
approx 4000 sq ft or less
7. Attic Debris – house only – possible roofing debris from previous work
(F) approx 2000 sq ft

No access under bldg, inside attic (no walking boards), no access inside walls, etc.

Appendix 1-1 Lead-Paint Materials, House and Garage

Table 2.0 List of Lead-base paint materials

1. All painted surfaces inside and outside

Appendix 1.0 - (Continued)

Table 2.0 - List of Bulk Samples Collected and Summary Results.

<u>Sample ID</u>	<u>Sample Description/Location</u>	<u>Summary Result</u>
Asbestos Bulk Construction Material Sampling of 24June2011 by Ken Medici, CAC #92-0007:		
X-01	Linoleum flooring top layer – collected at exit door Kitchen to backyard at damaged area near corner of wall	15% asbestos(layer #1) 3% asbestos(layer#2)
X-02	Acoustic Ceiling spray-on Material – collected at rear Bedroom ceiling above door	10% asbestos
X-03	Acoustic Ceiling spray-on Material – collected at main Living room area above fireplace	10% asbestos
X-04	Exterior Stucco wall material – collected at damage above door to Kitchen	None Detected

ND means none detected for asbestos via EPA method 600/R-93/116 using Polarized light microscopy

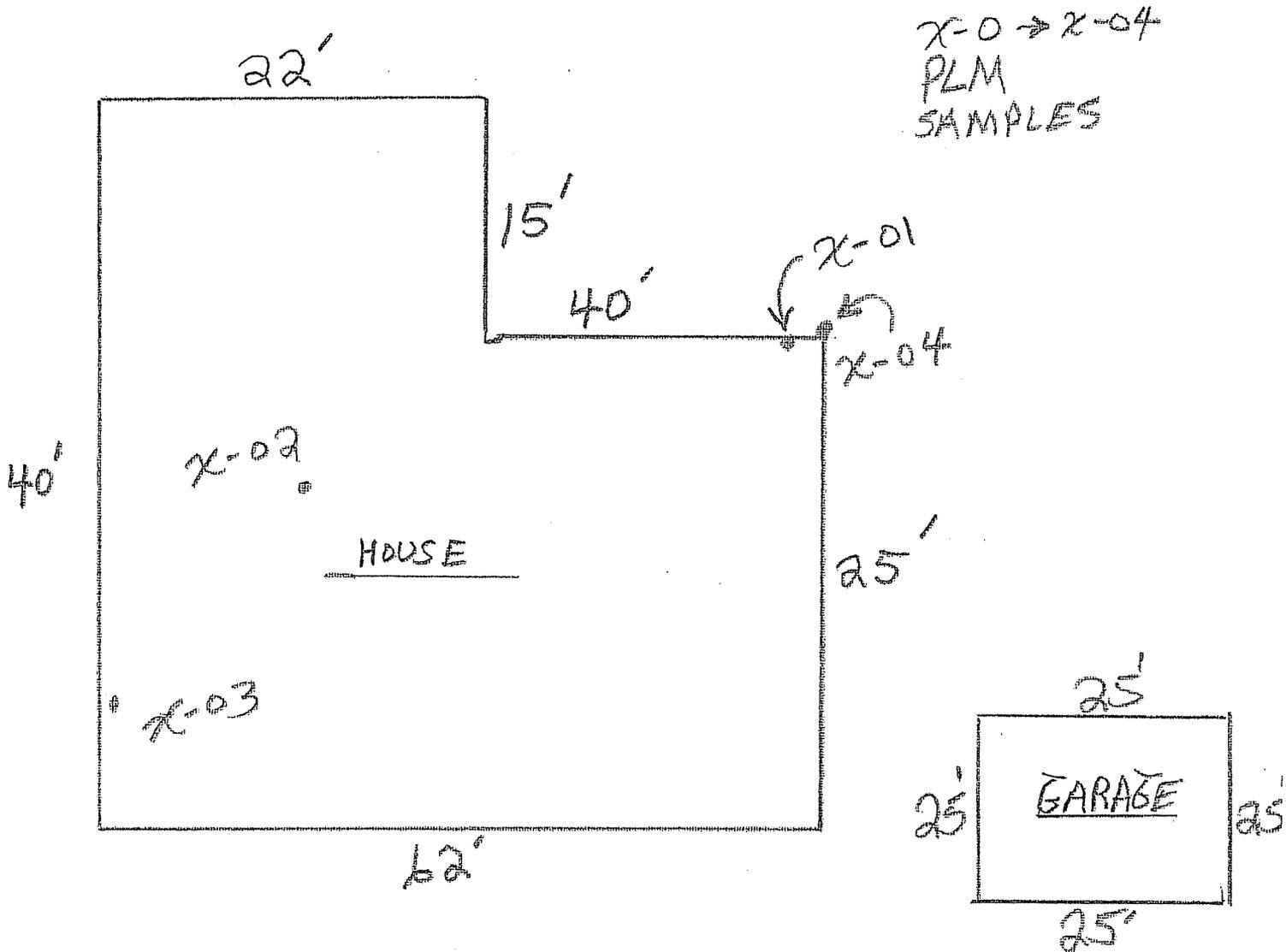


LIMITED Asbestos/Lead SCREEN

(Single Family House)

2115 Amanda Lane Escondido, CA 92029

Site Sketch (No Scale)



K. M. L. 7/5/11

APPENDIX 2.0

ANALYTICAL LABORATORY RESULTS

EMC Labs, Inc.,
9830 S. 51st St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

TAT: 101500
2 days
Rec'd: JUN 27 P.M.
EMC USE ONLY

COMPANY NAME: APPLIED TOXICOLOGY
1450 N. Santa Fe, PMB #C-144
Vista, CA 92083
CONTACT: Ken Medici
Phone/Fax: (760) 212-8857 / (760) 414-1183
Email: 123football@cox.net

BILL TO: (If Different Location)

E-MAILED JUN 29 2011

Now Accepting: VISA - MASTERCARD Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

***Prior confirmation of turnaround time is required
***Additional charges for rush analysis (please call marketing department for pricing details)
***Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: Bulk-PLM [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: Dispose of samples at EMC / [Return samples to me at my expense]
(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: 2115 Amanda Ln
P.O. Number: _____ Project Number: _____

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1	V-01	6/24/11		Y N			
2				Y N			
3				Y N			
4	X-04			Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS: _____
Sample Collector: (Print) _____ (Signature) _____
Relinquished by: _____ Date/Time: _____ Received by: Diana Federico Date/Time: 6/27/11
Relinquished by: Diana Federico Date/Time: 6/27/11 Received by: ATP.Kam Date/Time: 6/27/11
Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Kenneth Medici, CAC #92-0007 1450 North Santa Fe Ave, Suite #C PMB #144 Vista, CA 92083
Fax: (760).414-1183 THURS. Office: 1-888-999-7908 Toll-Free

Client: ESI Date: 6-24-11 Sampler: K. Medici, CAC #92-0007
Site Address: 2115 AMANDA LN Area / Building ID: 2115 AMANDA LN

FIELD DATA AND CHAIN OF CUSTODY FORM ESCONDIDO, CA 92029
Please fax lab results to 760.414-1183 and return original chain of custody to above address. Your laboratory must be NVLAP certified as applicable to complete this work (asbestos, lead or other). If your laboratory is not certified please stop and call Ken Medici ASAP at 1-888-999-7908 or cell phone #760-212-8857.

<u>Sample ID</u>	<u>Sample Description/Location/Condition of Material</u>	<u>TO</u>
1 X-01	LINOLEUM FLOOR @ KITCHEN DOOR	BK YARD
2 X-02	ACOUSTIC CEILING @	Bedrm Rear HALL
3 X-03	ACOUSTIC CEILING @	LV RM FIREPL.
4		
5 X-04	STUCCO @ Wall Damage @	Garage Wall
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		

Relinquished by/Date: [Signature] 6-24-11 + Notes: + Asbestos or Lead: 48 hr.
+ PCM TEM PLM
+
Received by / Date: Diana Federico
+ AA flame for lead
+

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0101338

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	APPLIED TOXICOLOGY	Job# / P.O. #:	
Address:	1450 N. SANTA FE PMB #C-144	Date Received:	06/27/2011
	VISTA CA 92083	Date Analyzed:	06/29/2011
Collected:	06/24/2011	Date Reported:	06/29/2011
Project Name/	2115 AMANDA LN	EPA Method:	EPA 600/M4-82-020
Address:		Submitted By:	KENNETH MEDICI
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0101338-001 X-01	KITCHEN DOOR TO BACKYARD	LAYER 1 Linoleum, Off White/ Beige	Yes	Chrysotile 15%	Cellulose Fiber 5%
		LAYER 2 Mastic, Tan Note: Difficult to separate adjacent layers	Yes	Chrysotile 3%	Carbonates Gypsum Quartz Binder/Filler 80% Cellulose Fiber 2% Carbonates Gypsum Mica Binder/Filler 95%
0101338-002 X-02	BEDRM REAR HALL	Acoustic Ceiling, White	Yes	Chrysotile 10%	Carbonates Gypsum Mica Binder/Filler 90%
0101338-003 X-03	LIVING RM FIREPLACE	Acoustic Ceiling, White	Yes	Chrysotile 10%	Carbonates Gypsum Mica Binder/Filler 90%
0101338-004 X-04	WALL DAMAGE @ GARAGE WALL	Stucco, Beige	No		Quartz Carbonates Gypsum Binder/Filler 100%

EMC LABS, INC.

Laboratory Report

0101338

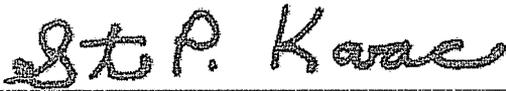
9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

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Client:	APPLIED TOXICOLOGY	Job# / P.O. #:	
Address:	1450 N. SANTA FE PMB #C-144	Date Received:	06/27/2011
	VISTA CA 92083	Date Analyzed:	06/29/2011
Collected:	06/24/2011	Date Reported:	06/29/2011
Project Name/	2115 AMANDA LN	EPA Method:	EPA 600/M4-82-020
Address:		Submitted By:	KENNETH MEDICI
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Steve Kovac



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernable layer. All analyses are derived from calibrated visual estimate and measured in weight percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately <1% by weight. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by any entity to claim product endorsement by NVLAP or any agency of the U.S. Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

APPENDIX H

RESUMES

JOHN P. FRANKLIN
PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1975, University of Southern California, Los Angeles

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 4100
State of California, Certified Engineering Geologist, No. 1340
State of California, Certified Hydrogeologist, No. 532
State of California, Registered Environmental Assessor, No. 1675
State of Arizona, Registered Geologist, No. 27157
State of Oregon, Registered Engineering Geologist, No. E1411
40-Hour/8-Hour Refresher Health and Safety Training for Hazardous Waste Operations

EXPERIENCE

Principal Geologist, GeoSoils, Inc., Anaheim, Murrieta, and Carlsbad, California
Senior Project Geologist, Owen Geotechnical, San Diego, California
Staff to Project Geologist, Leighton and Associates, San Diego, California
Staff Geologist, R. F. Smith Corporation, Long Beach, California
Staff Geologist, Petro-Tec, Anchorage, Alaska
Staff Geologist, Geological Engineering Service, Inc., Gardena, California

Mr. Franklin has extensive experience in geologic and geophysical investigations in such diverse areas as California, Utah, Nevada, Alaska, Baja California, and mainland Mexico, as well as offshore areas of California. He has performed detailed geotechnical work throughout southern California, including Los Angeles, Orange, Ventura, San Bernardino, Riverside, San Diego, and Imperial counties, as well as Kern County, and Mono County in northeastern California, and Mexico. This experience includes using soil stratigraphy and erosion/sedimentation rates for evaluating active and potentially active fault investigations on the San Andreas, San Jacinto, Elsinore, Chino, Cucamonga, Indio Hills, Rose Canyon - Newport-Inglewood, La Nacion, Camarillo, Pinto Mountain, Mesquite Lake, Walker Lake, and Mono Lake faults; debris flow, landslide and slope stability investigations; stability investigations for mines and open-pit mines; seismicity studies; subsidence and fissuring investigations; rippability/rock hardness evaluations; solar projects in the Mojave Desert; forensic investigations throughout southern California; and expert witness services. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, dams and retention basins, feasibility studies, coastal bluff stability, septic, infiltration, hazardous waste, and groundwater projects in southern California and Mexico. Mr. Franklin has been the project manager and principal investigator on geotechnical studies and grading for several large residential projects throughout San Diego, Riverside, San Bernardino and Kern counties, several high-rise commercial and residential projects in downtown San Diego, custom single-family residences throughout southern California and Los Angeles County, including beach and hillside areas, and military bases at Camp Pendleton and Twentynine Palms. Many projects included park sites and other amenities such as clubhouses, lakes, golf courses, etc., as well as flood control channels and bridges.

Mr. Franklin also has performed numerous Phase I and Phase II Environmental Site Assessments, and Site Characterizations for developers, real estate transfers, and bank loan requirements. Project sites have included existing gas stations, mines, shooting ranges, clandestine explosive manufacturing, nurseries, groves, schools, commercial and industrial complexes, and residential properties.

PROFESSIONAL AFFILIATIONS AND HONORS

Association of Engineering Geologists	Geological Society of America
Seismological Society of America	Past-President, San Diego Association of Geologists
Inland Geological Society	American Association of Petroleum Geologists
National Water Well Association	Sigma Gamma Epsilon (National Honorary Earth Science Fraternity)
Roy J. Shlemon Distinguished Mentor in Applied Geosciences Program, GSA, 2005	

PUBLICATIONS

Paleoseismic Features Exposed by Trenching the Lowest Coastal Terrace at Carlsbad, California, *in* AAPG Pacific Section Guidebook, June 19-22, 2002, Long Beach, California.
Paleoseismology of Blind and Offshore Faults, North Coast San Diego County, California USA, *in* Proceedings, The 11th ICSDEE and 3rd ICEGE, 7th-9th January, 2004, University of California, Berkeley.

BRYAN E. VOSS, PG
PROJECT GEOLOGIST



EDUCATION

Bachelors of Science in Geology, 1998, San Diego State University

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 8709

40-Hour/8-Hour Refresher Health and Safety Training for Hazardous Waste Operations

EXPERIENCE

Project Geologist, GeoSoils, Inc., Carlsbad, California, 1999 to Present

Engineering Field Technician, Leighton and Associates., Carlsbad, California, 1998 to 1999

Mr. Voss' experience includes management of surface and subsurface explorations to ascertain geotechnical conditions as they pertain to future commercial, residential, and highway development in San Diego and Riverside counties.

This includes background research and review, aerial photography review and analysis, surface and subsurface geological mapping, drilling, sampling, and testing in the field to ascertain soil, bedrock, and ground water conditions, seismic and rippability studies, geotechnical cross-section preparation and analysis, evaluation and analysis of soil, bedrock, and ground water laboratory test data, report writing and review, including findings, conclusions, and recommendations of favorable and unfavorable geotechnical conditions. This experience includes fault analysis, landslide location and analysis, and cut/fill slope stability, as well as initial rough and precise grading plan review of future development with emphasis on geotechnical advantages and constraints. In addition, field inspection, geological mapping and analysis of collected data associated with cut/fill manufactured slopes, subdrain installations, soil removals, and cut/fill transition lots and roadways within lands undergoing the ingrating phase of development has also been performed.

Phase I environmental site assessments and toxicity screening review of lands slated for future development has also been performed. This includes site reconnaissance and inspection, aerial photography review and analysis, background document research and review, consultation with local and federal environmental and hazardous waste agencies, report writing and review, including findings, conclusions, and recommendations. Laboratory assignments for the determination of classification (i.e., hydrometer, sieve, atterberg limits, etc.) expansion, direct shear, consolidation, maximum density, etc., are included in Mr. Voss' repertoire. Furthermore, Mr. Voss is certified in nuclear densometer and has 40-hour OSHA health & safety training for hazardous waste operations.

PROFESSIONAL AFFILIATIONS

San Diego Association of Geologists

APPENDIX C

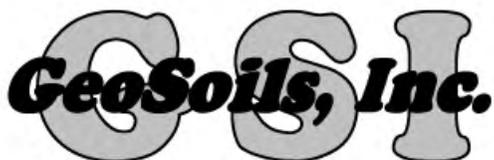
SITE PHOTOGRAPHS



1. Photograph of the site's eastern margin. Note the overhead electrical lines to the left of the photograph and the north-to-south trending, natural drainage swale. Photographic view is to the south.



2. Photograph of stockpiled plastic planting containers, Polyvinyl Chloride (PVC) piping, and miscellaneous debris. The stockpile was not disturbed. Photographic view is to the north.



SITE PHOTOGRAPHS

Plate C-1

DATE 4/13

W.O. NO. E6539-SC

Geotechnical · Geologic · Coastal · Environmental



3. Photograph of detached garage, trailer, and boats. No readily visible evidence of significant petroleum or oil staining was observed on the asphaltic concrete driveway. Photographic view is to the west.



4. Photograph of the site western margin. Note the incised natural drainage swales in the middle, right of the photograph where undocumented fill was observed near the western property line. Photographic view is to the south.



SITE PHOTOGRAPHS

Plate C-2

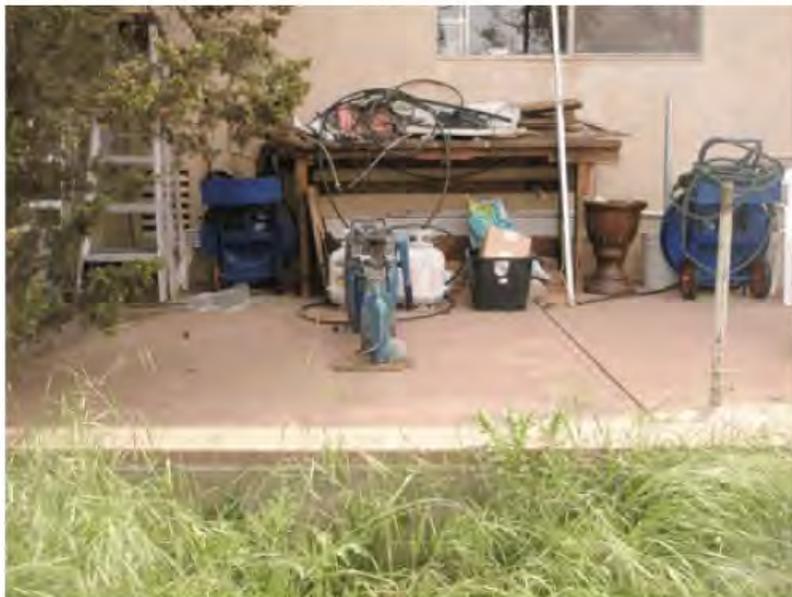
DATE 4/13

W.O. NO. E6539-SC

Geotechnical · Geologic · Coastal · Environmental



5. Photograph of two (2) empty 55-gallon metal drums. These drums appeared to be empty and no readily visible evidence of staining was observed on the surrounding soils. Photographic view is to the northwest.



6. Photograph of the rear of the detached garage where the current tenant reportedly repairs outboard boat motors. No readily visible evidence of petroleum or oil staining was observed on the concrete patio. Photographic view is to the east.



SITE PHOTOGRAPHS

Plate C-3

DATE 4/13

W.O. NO. E6539-SC

Geotechnical · Geologic · Coastal · Environmental

APPENDIX D

**FIRE INSURANCE MAP ABSTRACT REPORT
HISTORICAL AERIAL PHOTOGRAPHS
HISTORICAL TOPOGRAPHIC MAPS
50-YEAR CHAIN-OF-TITLE REPORT
BUILDING PERMIT REPORT
ENVIRONMENTAL LIEN REPORT
CITY DIRECTORY LISTINGS
GOVERNMENT AGENCY DATABASES**

APN 235-202-35

2115 Amanda Lane
Escondido, CA 92029

Inquiry Number: 3557062.4

March 25, 2013

FirstSearch Fire Insurance Map Abstract Report

FIRE INSURANCE MAP ABSTRACT RESEARCH RESULTS

3/25/13

Site Name:

APN 235-202-35
2115 Amanda Lane
Escondido, CA 92029

Client Name:

GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92008

EDR Inquiry # 3557062.4

Contact: Ryan Boehmer

Selected volumes from the Sanborn Library collection have been searched by EDR, and fire insurance maps covering the target property location provided by GeoSoils, Inc. were identified for the years listed below.

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Search Results

Site Name: APN 235-202-35
Address: 2115 Amanda Lane
City, State, Zip: Escondido, CA 92029
Cross Street:
P.O. # E6539-SC
Project: 2115 Amanda Lane Escondido, CA

The complete Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns.

Collections Searched in this report:

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

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Limited License Terms

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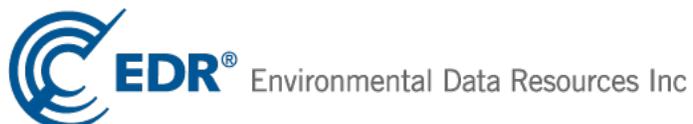
APN 235-202-35

2115 Amanda Lane
Escondido, CA 92029

Inquiry Number: 3557062.6

March 28, 2013

The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography March 28, 2013

Target Property:2115 Amanda Lane
Escondido, CA 92029

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Jack Ammann
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Park
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	Cartwright
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	AMI
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1995	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR



INQUIRY #: 3557062.6

YEAR: 1939

| = 500'





INQUIRY #: 3557062.6

YEAR: 1947

|—————| = 500'





INQUIRY #: 3557062.6

YEAR: 1953

| = 500'





INQUIRY #: 3557062.6

YEAR: 1963

| = 500'





INQUIRY #: 3557062.6

YEAR: 1974

| = 500'





INQUIRY #: 3557062.6

YEAR: 1980

| = 500'





INQUIRY #: 3557062.6

YEAR: 1989

| = 500'





INQUIRY #: 3557062.6

YEAR: 1995



| = 500'



INQUIRY #: 3557062.6

YEAR: 2005

| = 500'



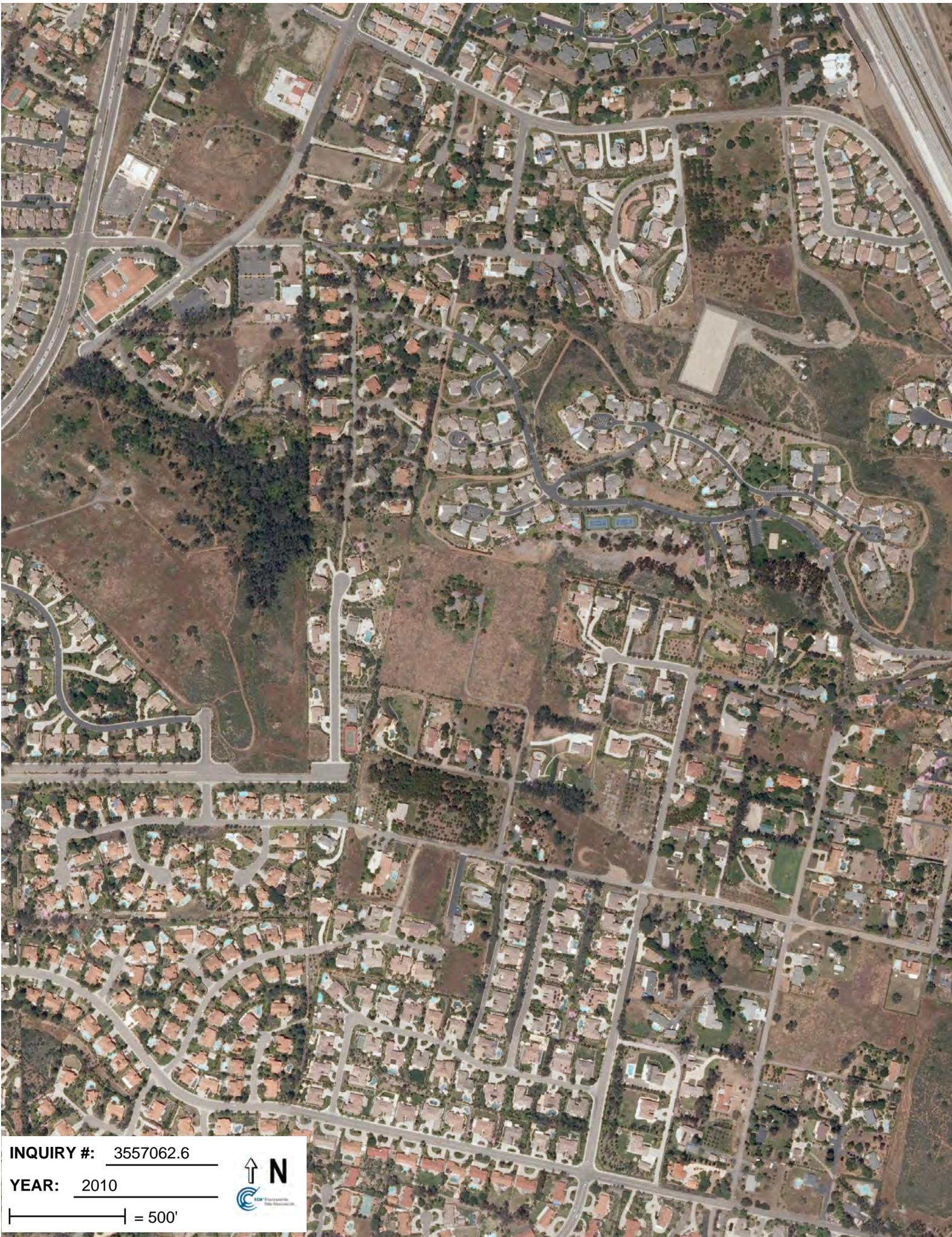


INQUIRY #: 3557062.6

YEAR: 2009

| = 500'





INQUIRY #: 3557062.6

YEAR: 2010

 = 500'



APN 235-202-35

2115 Amanda Lane
Escondido, CA 92029

Inquiry Number: 3557062.3

March 25, 2013

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.

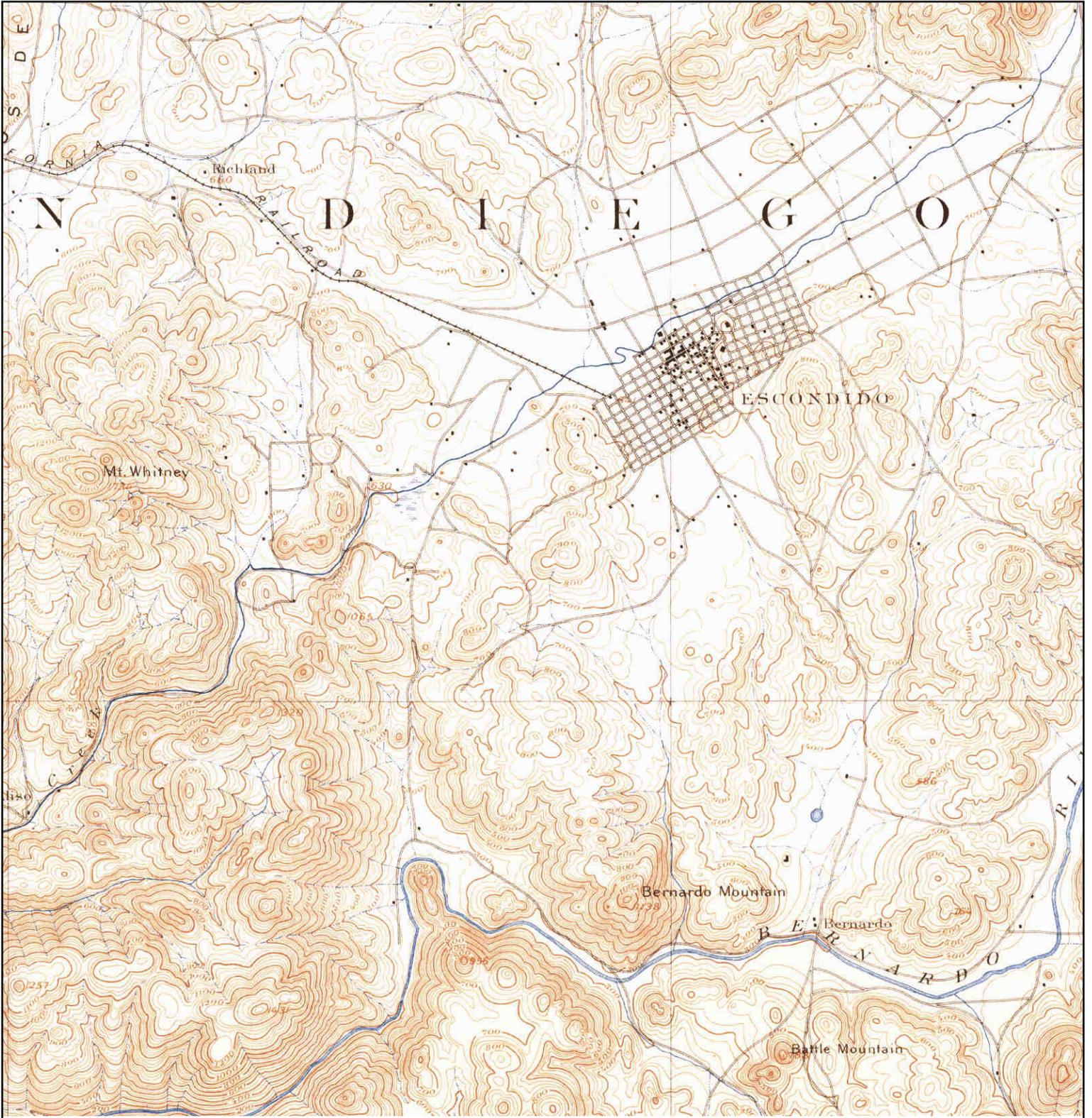
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Historical Topographic Map



	TARGET QUAD	SITE NAME: APN 235-202-35	CLIENT: GeoSoils, Inc.
	NAME: ESCONDIDO	ADDRESS: 2115 Amanda Lane	CONTACT: Ryan Boehmer
	MAP YEAR: 1893	LAT/LONG: 33.0984 / -117.0995	INQUIRY#: 3557062.3
	SERIES: 15		RESEARCH DATE: 03/25/2013
	SCALE: 1:62500		

Historical Topographic Map



	TARGET QUAD	SITE NAME: APN 235-202-35	CLIENT: GeoSoils, Inc.
	NAME: SAN LUIS REY	ADDRESS: 2115 Amanda Lane	CONTACT: Ryan Boehmer
	MAP YEAR: 1901	LAT/LONG: 33.0984 / -117.0995	INQUIRY#: 3557062.3
	SERIES: 30		RESEARCH DATE: 03/25/2013
	SCALE: 1:125000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: APN 235-202-35	CLIENT: GeoSoils, Inc.
	NAME: ESCONDIDO	ADDRESS: 2115 Amanda Lane	CONTACT: Ryan Boehmer
	MAP YEAR: 1901	LAT/LONG: 33.0984 / -117.0995	INQUIRY#: 3557062.3
	SERIES: 15		RESEARCH DATE: 03/25/2013
	SCALE: 1:62500		

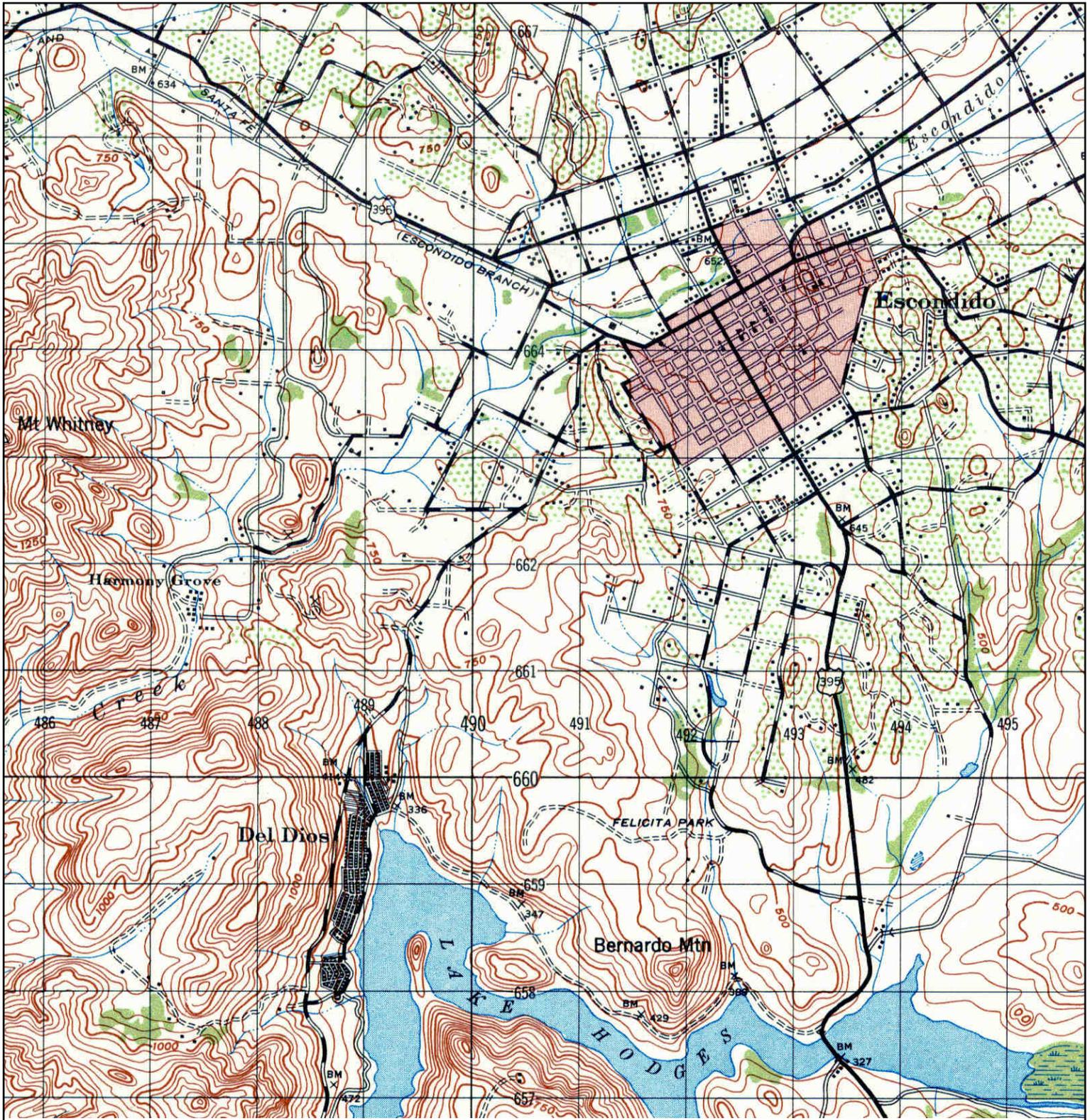
Historical Topographic Map



Unsurveyed Area on the Topographic Map

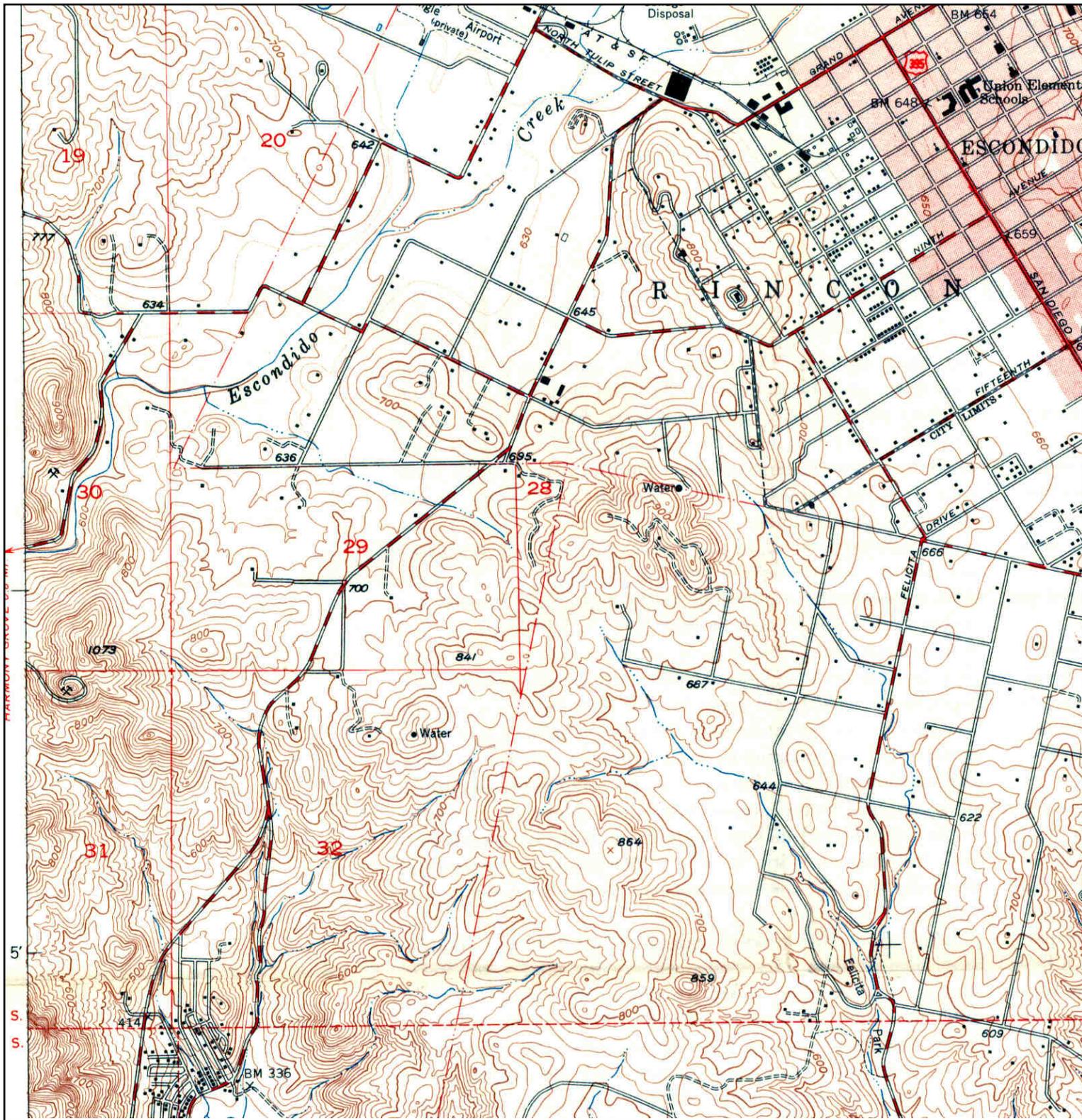
<p>N ↑</p>	<p>TARGET QUAD NAME: SOUTHERN CA SHEET 2 MAP YEAR: 1904</p>	<p>SITE NAME: APN 235-202-35 ADDRESS: 2115 Amanda Lane Escondido, CA 92029 LAT/LONG: 33.0984 / -117.0995</p>	<p>CLIENT: GeoSoils, Inc. CONTACT: Ryan Boehmer INQUIRY#: 3557062.3 RESEARCH DATE: 03/25/2013</p>
	<p>SERIES: 60 SCALE: 1:250000</p>		

Historical Topographic Map



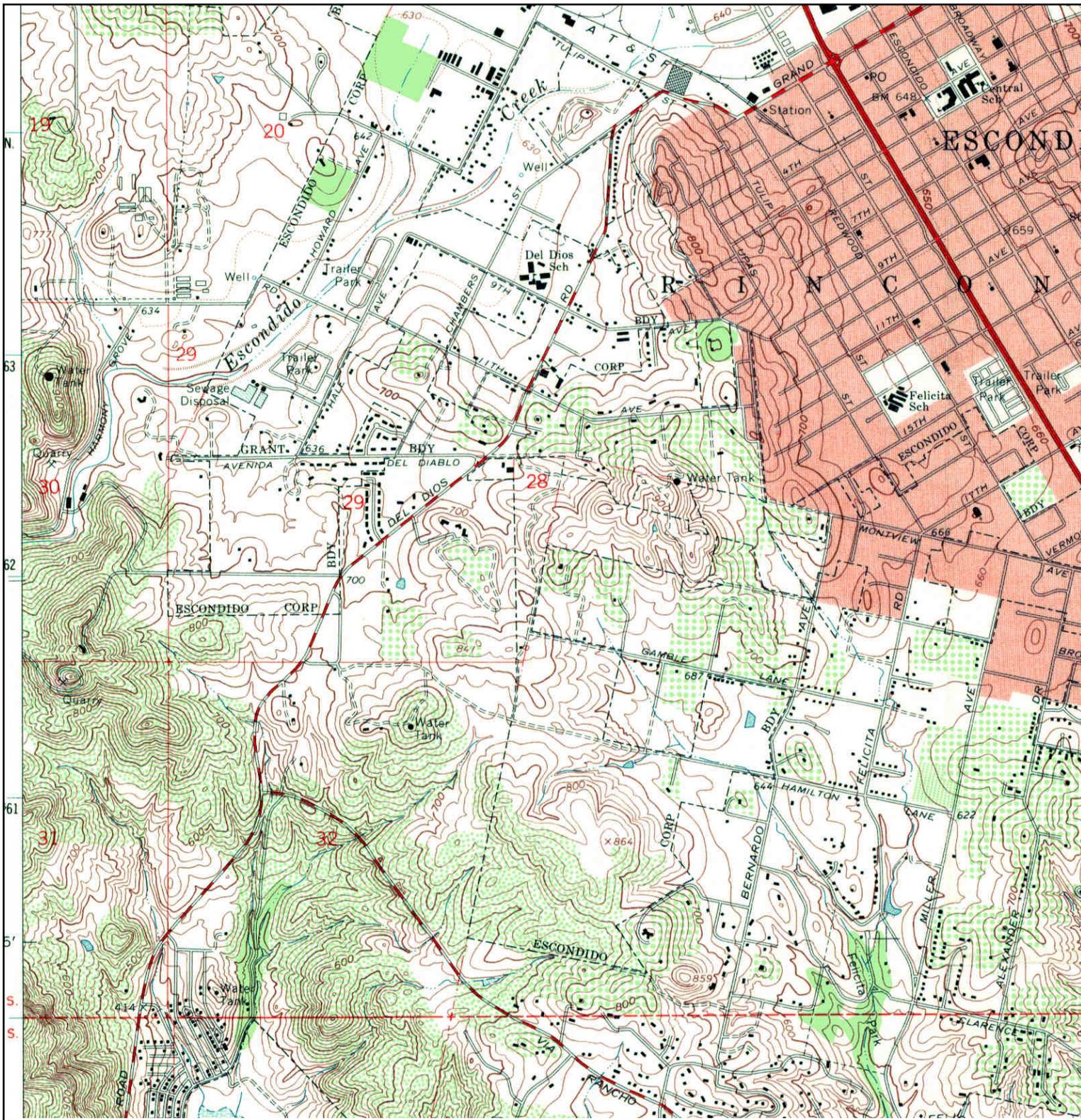
N ↑	TARGET QUAD NAME: ESCONDIDO MAP YEAR: 1947	SITE NAME: APN 235-202-35 ADDRESS: 2115 Amanda Lane Escondido, CA 92029 LAT/LONG: 33.0984 / -117.0995	CLIENT: GeoSoils, Inc. CONTACT: Ryan Boehmer INQUIRY#: 3557062.3 RESEARCH DATE: 03/25/2013
	SERIES: 15 SCALE: 1:50000		

Historical Topographic Map



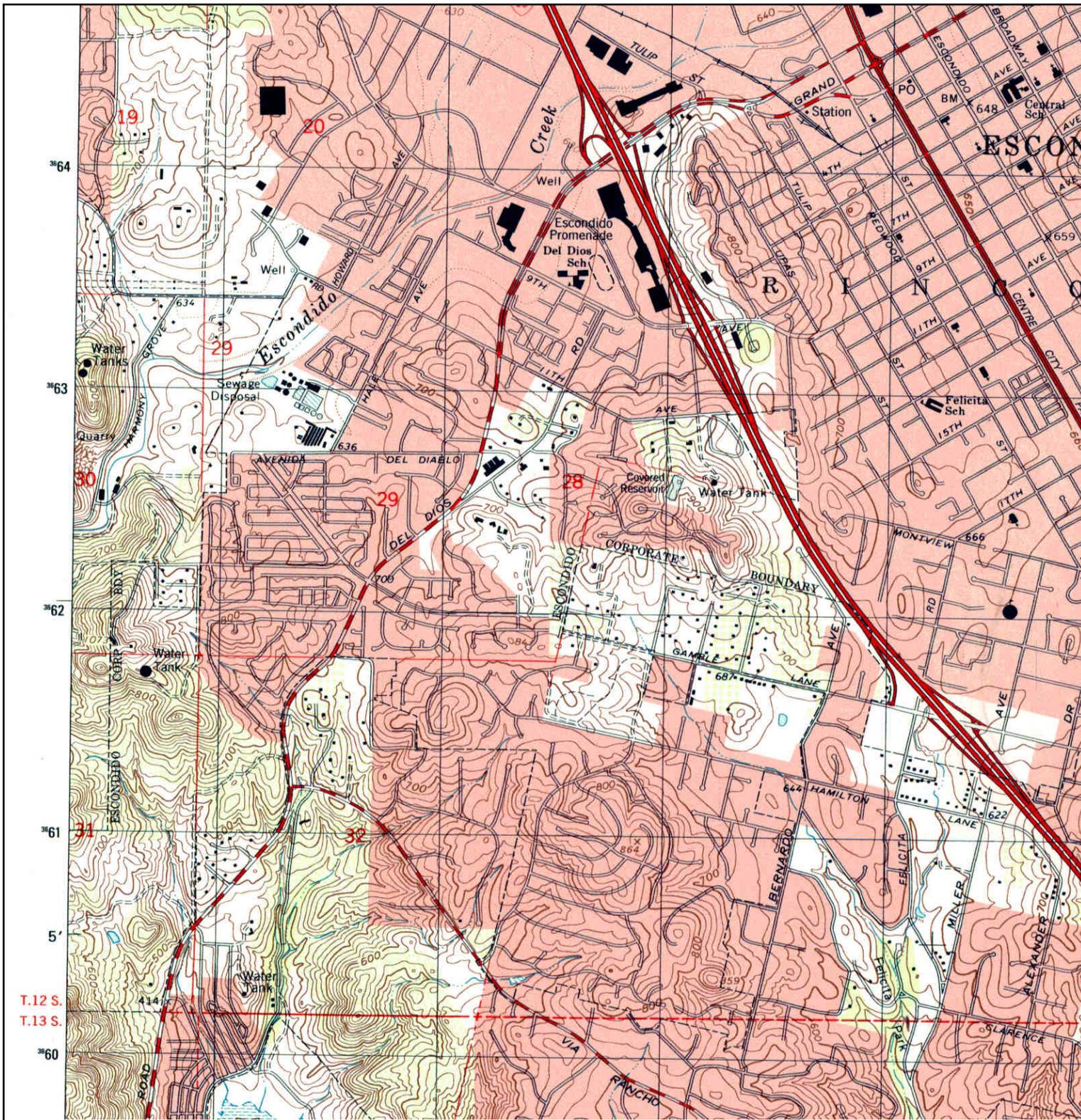
<p>N</p> 	<p>TARGET QUAD</p> <p>NAME: ESCONDIDO</p> <p>MAP YEAR: 1949</p>	<p>SITE NAME: APN 235-202-35</p> <p>ADDRESS: 2115 Amanda Lane Escondido, CA 92029</p> <p>LAT/LONG: 33.0984 / -117.0995</p>	<p>CLIENT: GeoSoils, Inc.</p> <p>CONTACT: Ryan Boehmer</p> <p>INQUIRY#: 3557062.3</p> <p>RESEARCH DATE: 03/25/2013</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



	TARGET QUAD NAME: ESCONDIDO MAP YEAR: 1968	SITE NAME: APN 235-202-35 ADDRESS: 2115 Amanda Lane Escondido, CA 92029 LAT/LONG: 33.0984 / -117.0995	CLIENT: GeoSoils, Inc. CONTACT: Ryan Boehmer INQUIRY#: 3557062.3 RESEARCH DATE: 03/25/2013
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: ESCONDIDO MAP YEAR: 1996</p>	<p>SITE NAME: APN 235-202-35 ADDRESS: 2115 Amanda Lane Escondido, CA 92029 LAT/LONG: 33.0984 / -117.0995</p>	<p>CLIENT: GeoSoils, Inc. CONTACT: Ryan Boehmer INQUIRY#: 3557062.3 RESEARCH DATE: 03/25/2013</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		



2115 Amanda Ln
2115 Amanda Ln
Escondido, CA 92029

Inquiry Number: 3654087.1S
July 08, 2013

The EDR Chain of Title Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Chain of Title

The EDR Chain of Title Report tracks a line of successive owners **from the present back to 1940** of a particular **parcel** of property, linked together by recorded transactions which pass title. Available nationwide, this report provides a summary of a property's ownership history and is a valuable source for determining the prior uses of a property

A network of professional **abstractors** following established procedures, uses client supplied address information to **locate**:

- Historical Chain of Title research
- Leases and Miscellaneous

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

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EDR Chain of Title

TARGET PROPERTY INFORMATION

ADDRESS

2115 Amanda Ln
2115 Amanda Ln
Escondido, CA 92029

Research Source

Source 1: San Diego County Assessor

Source 2: San Diego County Recorder

Examiner's Note: Public records of San Diego County, California were searched from January 1, 1940 to July 08, 2013, and no other deeds vesting title in the subject property were found of record during the period searched.

PROPERTY DESCRIPTION

Current Owner: 2115 Amanda, LLC, a California limited liability company

Legal Description: All that certain piece or parcel of land being Lot 1 and a portion of Lot 2 in Block 14 of Homeland Acres Addition to Escondido, according to Map thereof No. 1205, filed 09/10/1909, situate and lying in the County of San Diego, State of California.

Property Identifiers: 235-202-35-00

HISTORICAL CHAIN OF TITLE

See Exhibit "A"

LEASES AND MISCELLANEOUS

See Exhibit "B" - Not Requested

EDR Chain of Title

Chain of Title

Exhibit "A"

EDR Chain of Title

HISTORICAL CHAIN OF TITLE

PARCEL NO. 1

Chain 1

Type of Deed: Deed

Title received from: Clara Bersech

Title is vested in: George Ulman

Date Recorded: 03/30/1946

Book: 2093

Page: 158

Type of Deed: Deed

Title received from: George Ulman

Title is vested in: Effie L. Ulman

Date Recorded: 08/11/1957

Instrument Number: 214741

Type of Deed: Deed

Title received from: Effie L. Ulman

Title is vested in: William J. Ulman

Date Recorded: 04/28/1969

Instrument Number: 73447

Type of Deed: Individual Quitclaim Deed

Title received from: William J. Ulman and Jean W. Ulman, husband and wife

Title is vested in: William J. Ulman and Jean W. Ulman, Trustees of the Ulman Family 1989 Trust, executed 08/08/1989

Date Recorded: 08/10/1989

Instrument Number: 89-429026

Type of Deed: Affidavit – Death of Trustee

Title received from: William Jean Ulman, deceased

Title is vested in: Jean W. Ulman, Successor Trustee of the Ulman Family 1989 Trust, executed 08/08/1989

Date Recorded: 05/06/2004

Instrument Number: 2004-0413035

Type of Deed: Grant Deed

Title received from: Jean W. Ulman and Timothy W. Ulman, Co-Trustees of the Ulman Family 1989 Trust Executed 08/08/1989 and Jean W. Ulman, a widow

Title is vested in: Steven A. Hofstadler, a married man as his sole and separate property (as to an undivided 50% interest) and Gilbert J. Miltenberger, a married man as his sole and separate property (as to an undivided 50% interest), as tenants in common

Date Recorded: 08/08/2011

Instrument Number: 2011-0401588

Type of Deed: Interspousal Transfer Grant Deed

Title received from: Nina Maureen Hofstadler, spouse of the grantee

Title is vested in: Steven A. Hofstadler, a married man as his sole and separate property

Date Recorded: 08/08/2011

Instrument Number: 2011-0401589

Type of Deed: Interspousal Transfer Grant Deed

Title received from: Barbara A. Miltenberger, spouse of the grantee

Title is vested in: Gilbert J. Miltenberger, a married man as his sole and separate property

Date Recorded: 08/08/2011

Instrument Number: 2011-0401590

Type of Deed: Quitclaim Deed

Title received from: Steven A. Hofstadler, a married man as his sole and separate property (as to an undivided 50% interest) and Gilbert J. Miltenberger, a married man as his sole and separate property (as to an undivided 50% interest)

Title is vested in: 2115 Amanda, LLC, a California limited liability company

Date Recorded: 08/29/2011

Instrument Number: 2011-0443599

EDR Chain of Title

LEASES and MISCELLANEOUS

Exhibit "B"

EDR Chain of Title

LEASES and MISCELLANEOUS

1. Type of Instrument:

First Party:

Second Party:

Recorded:

Book:

Page:

Document No.:

2. Type of Instrument:

First Party:

Second Party:

Recorded:

Book:

Page:

Document No.:

RECORDING REQUESTED BY ACT

DOC # 2011-0443599



ORDER #
APN# 235-202-35-00

AUG 29, 2011 8:00 AM 570

OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
Ernest J. Dronenburg, Jr., COUNTY RECORDER
FEES: 18.00
OC: DC

PAGES: 2

MAIL TAX STATEMENTS AND RECORDED DEED TO:

Name GILBERT J. MILTENBERGER
Street
Address 3660 MERCED DRIVE
City OCEANSIDE, CA 92056

Quitclaim Deed

The undersigned Grantor(s) declare(s): Wholly Owned
Documentary transfer tax is \$ -0- *See attached Preliminary Change of Ownership
 computed on full value of property conveyed, or
 computed on full value of liens and encumbrances remaining at time of sale.
 Unincorporated area: City of ESCONDIDO
 Realty not sold.

STEVEN A. HOFSTADLER, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 50% INTEREST AND GILBERT J. MILTENBERGER, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 50% INTEREST, AS TENANTS IN COMMON hereby REMISE(S), RELEASE(S) AND FOREVER QUITCLAIM(S) to

2115 AMANDA, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

that property in 235-202-35-00 County,
State of California, described as:

SEE ATTACHED EXHIBIT "A"

Property more commonly known as 2115 Amanda Lane, Escondido, CA 92029

STATE OF CALIFORNIA

County of San Diego } ss.

On August 22, 2011 before me, Melissa Dawn Matteson, Notary Public, Notary Public

personally appeared Steven A. Hofstadler and Gilbert J. Miltenberger

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.

Melissa Dawn Matteson
Notary Public in and for said County and State

Melissa Dawn Matteson

(Notary's name must be typed or legibly printed)

Document Date: AUGUST 17, 2011

Steven A. Hofstadler
STEVEN A. HOFSTADLER

Gilbert J. Miltenberger
GILBERT J. MILTENBERGER



[NOTARY STAMP OR SEAL]

MAIL TAX STATEMENTS AS DIRECTED ABOVE

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Diego, State of California, described as follows:

PARCEL 1:

LOT 1 IN BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1205, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 10, 1909

PARCEL 2:

THAT PORTION OF LOT 2 IN BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA ACCORDING TO MAP THEREOF NO. 1205, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 10, 1909 LYING EASTERLY OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHERLY LINE OF SAID LOT 2 DISTANT THEREON 46.85 FEET WESTERLY FROM THE NORTHEAST CORNER OF SAID LOT 2; THENCE SOUTHERLY IN A STRAIGHT LINE TO A POINT ON THE SOUTHERLY LINE OF SAID LOT DISTANT THEREON 43.65 FEET WESTERLY FROM THE SOUTHEAST CORNER OF SAID LOT.

EXCEPTING THEREFROM THAT PORTION LYING SOUTHERLY OF THE SOUTHERLY LINE OF THE NORTH HALF OF SAID LOT 2

PARCEL 3:

AN EASEMENT AND RIGHT OF WAY FOR ROAD AND PUBLIC UTILITY PURPOSES OVER, UNDER, ALONG AND ACROSS; THAT PORTION OF LOT 2, BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, ACCORDING TO MAP THEREOF NO. 1205 FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY SEPTEMBER 1, 1909 LYING EASTERLY OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SAID LOT 2 DISTANT THEREON 43.65 FEET WESTERLY FROM THE SOUTHERLY CORNER OF SAID LOT 2; THENCE NORTHERLY IN A STRAIGHT LINE 645.00 FEET, MORE OR LESS, TO A POINT IN THE NORTHERLY LINE OF SAID LOT 2 DISTANT THEREON 46.85 FEET WESTERLY FROM THE NORTHEASTERLY CORNER OF SAID LOT 2, EXCEPT THAT PORTION OF SAID LOT 2 LYING NORTHERLY OF THE SOUTHERLY HALF THEREOF.

EXCEPTING THEREFROM THAT PORTION LYING NORTHERLY OF THE NORTHERLY LINE OF THE SOUTH HALF OF SAID LOT 2.

SAID EASEMENT IS HEREBY DECLARED TO BE APPURTENANT TO AND FOR THE USE AND BENEFIT OF THE PRESENT AND FUTURE OWNERS OF ALL OR ANY PORTION OF PARCELS 1 AND 2 HEREIN ABOVE DESCRIBED.

APN: 235-202-35-00

2115 Amanda Ln

2115 Amanda Ln
Escondido, CA 92029

Inquiry Number: 3654087.3
July 02, 2013

EDR Building Permit Report

Target Property and Adjoining Properties

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About This Report

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-05 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records – The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of GeoSoils, Inc. on Jul 02, 2013.

TARGET PROPERTY

2115 Amanda Ln
Escondido, CA 92029

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Escondido

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2012	City of Escondido, Building Division		
2011	City of Escondido, Building Division		
2010	City of Escondido, Building Division		
2009	City of Escondido, Building Division		
2008	City of Escondido, Building Division		
2007	City of Escondido, Building Division		
2006	City of Escondido, Building Division		
2005	City of Escondido, Building Division		X
2004	City of Escondido, Building Division		
2003	City of Escondido, Building Division		
2002	City of Escondido, Building Division		
2001	City of Escondido, Building Division		
2000	City of Escondido, Building Division		
1999	City of Escondido, Building Division		
1998	City of Escondido, Building Division		
1997	City of Escondido, Building Division		
1996	City of Escondido, Building Division		
1995	City of Escondido, Building Division		
1994	City of Escondido, Building Division		
1993	City of Escondido, Building Division		
1992	City of Escondido, Building Division		

San Diego County

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2012	San Diego County, Development Services		
2011	San Diego County, Development Services	X	
2010	San Diego County, Development Services		X
2009	San Diego County, Development Services		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2008	San Diego County, Development Services		X
2007	San Diego County, Development Services		X
2006	San Diego County, Development Services		X
2005	San Diego County, Development Services		
2004	San Diego County, Development Services		
2003	San Diego County, Development Services		X
2002	San Diego County, Development Services		
2001	San Diego County, Development Services		
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1985	San Diego County, Development Services		
1984	San Diego County, Development Services		
1983	San Diego County, Development Services		
1982	San Diego County, Development Services		
1981	San Diego County, Development Services		
1980	San Diego County, Development Services		
1979	San Diego County, Development Services		
1978	San Diego County, Development Services		
1977	San Diego County, Development Services		

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Escondido
 Years: 1992-2012
 Source: City of Escondido, Building Division, Escondido, CA
 Phone: (760) 839-4647

Name: San Diego County
 Years: 1977-2012
 Source: San Diego County, Development Services, San Diego, CA
 Phone: (619) 446-5000

Name: Encinitas
Years: 1971-2012
Source: City of Encinitas, Planning and Building, Encinitas, CA
Phone: (760) 633-2730

Name: San Marcos
Years: 2007-2012
Source: City of San Marcos, Building Division, San Marcos, CA
Phone: (760) 744-1050 x3241

Name: Vista
Years: 1990-2012
Source: City of Vista, Building Division, Vista, CA
Phone: 760-726-1340 ext. 12

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

**2115 Amanda Ln
Escondido, CA 92029**

2115 AMANDA LN

Date: **2/11/2011**
Permit Type: **TENTATIVE MAP**
Description: **There is no Scope of Work for this application.**

Permit Description:

Work Class: 1. STANDARD MAP CONDITION, 2 STANDARD MAP CONDITIO

Proposed Use:

Permit Number: 3100-4880

Status: INAC

Valuation: \$0.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AMANDA LN

2148 AMANDA LN

Date: 11/18/2008
Permit Type: PERMIT- SFD ACCESSORY BLDG
Description: 1944 SF DET GARAGE, FIN/FS,WITH MISC ELEC. FOR EXISTING SFD 28-JUL-2008:
PLAN CHECK EXTENDED THIS DATE. EXTENSION IS ONE TIME ONLY, GOOD FOR
A PERIOD OF 180 DAYS FR

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1006-20080371
Status:
Valuation: \$57,328.56
Contractor Company:
Contractor Name:

Work Class: !!ISSUANCE REQUIREMENTS STATEMENT!, ASSESSOR'S PLAN
Proposed Use:
Permit Number: 1006-20080371
Status: DONE
Valuation: \$57,328.56
Contractor Company:
Contractor Name: HAMLIN FAMILY TRUST

ADJOINING PROPERTY FINDINGS

Date: **9/12/2008**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: Remodel/addition. Proposed detached garage. Existing septic system: 1200 gallon septic tank; 390ft leach line. CONDITIONS OF APPROVAL: Grading is existing. Grading check waived. Proposed driveway for future detached garage is to meet 8-foot setback to proposed reserve leach lines. Review of stamp/approved building plans required prior to sign off on building permit application or stamp off on building plans. 100% reserve is by engineered effluent pump system, Resubmittal accepted by C Hines; formally an LCON 173.**

Permit Description:
Work Class:
Proposed Use:
Permit Number: **LOWS-15824**
Status: **EXPR**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **HAMLIN FAMILY TRUST 11-21-05**

Date: **6/23/2008**
Permit Type: **LAND USE PRG CONSULTATION**
Description: **Consultation requested for the following proposal: GRADING PAD AND GARAGE**

Permit Description:
Work Class:
Proposed Use:
Permit Number: **LCON-173**
Status: **EXPR**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **HAMLIN FAMILY TRUST 11-21-05**

ADJOINING PROPERTY FINDINGS

Date: **5/13/2008**
Permit Type: **DPLU MINOR GRADING PURSUANT TO 87.206-B**
Description: **GRADING FOR PC # 1001-20070798 (1944 SF DET GARAGE, FIN/FS, MISC ELEC. FOR EXISTING SFD)**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1026-20080056
Status:
Valuation: \$57,328.56
Contractor Company:
Contractor Name:

Work Class: BEST MANAGEMENT PRACTICES/STORMWATER, NOTICE OF EX
Proposed Use:
Permit Number: 1026-20080056
Status: DONE
Valuation: \$57,328.56
Contractor Company:
Contractor Name: HAMLIN FAMILY TRUST

Date: **7/23/2007**
Permit Type: **PLAN CHECK-RESIDENTIAL**
Description: **1944 SF DET GARAGE, FIN/FS, WITH MISC ELEC. FOR EXISTING SFD 28-JUL-2008: PLAN CHECK EXTENDED THIS DATE. EXTENSION IS ONE TIME ONLY, GOOD FOR A PERIOD OF 180 DAYS FR**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1001-20070798
Status:
Valuation: \$57,328.56
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Work Class: !ISSUANCE REQUIREMENTS STATEMENT!, ASSESSOR'S PLAN
Proposed Use:
Permit Number: 1001-20070798
Status: DONE
Valuation: \$57,328.56
Contractor Company:
Contractor Name: HAMLIN FAMILY TRUST

2155 AMANDA LN

Date: **8/8/2006**
Permit Type: **PERMIT- POOL/SPA**
Description: **782 SQFT POOL & SPA FOR EXISTING SFD; MISC PLUMBING & ELECTRICAL FOR FIRE PIT & BBQ.**

Permit Description:
Work Class: ASSESSOR'S PLANS, BEST MANAGEMENT PRACTICES/STORMW
Proposed Use:
Permit Number: 1023-20060589
Status: DONE
Valuation: \$26,877.34
Contractor Company:
Contractor Name: SESTO, JAY & MARTHA

Date: **1/20/2006**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: Existing Septic Tank; 390 ft Primary Leach Lines; 390 ft Reserve Leach lines. Layout submitted for proposed pool installation. CONDITIONS OF APPROVAL: Maintain min. 8 ft. setback from pool to leach line. See layout submitted., Pool plan signed off under LOWS 10381. Paper work sent to San Marcos.**

Permit Description:
Work Class:
Proposed Use:
Permit Number: LOWS-10381
Status: OPEN
Valuation: \$0.00
Contractor Company:
Contractor Name: JAY L & MARTHA B SESTO

ADJOINING PROPERTY FINDINGS

EUCALYPTUS AVE

2161 EUCALYPTUS AVE

Date: **5/9/2003**
Permit Type: **PERMIT- SFD ACCESSORY BLDG**
Description: **320 Sq Ft Unfinished Detached Garage TB: 1129 G 6**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1006-20030293
Status:
Valuation: \$6,400.00
Contractor Company:
Contractor Name:

GAMBLE LN

1603 GAMBLE LN

Date: **12/29/2005**
Permit Type:
Description: **NEW SFD 3108/738 SF 84SF PATIO/DECK**

Permit Description: **SGL FAM CUSTOM NEW RESIDENTIAL**
Work Class:
Proposed Use:
Permit Number: B05-0647
Status:
Valuation: \$260,676.00
Contractor Company:
Contractor Name: PELL, STEVE

ADJOINING PROPERTY FINDINGS

1609 GAMBLE LN

Date: **12/29/2005**
Permit Type:
Description: **NEW SFD 2975/732SF 84SF PATIO/DECK**

Permit Description: **SGL FAM CUSTOM NEW RESIDENTIAL**
Work Class:
Proposed Use:
Permit Number: **B05-0646**
Status:
Valuation: **\$249,474.00**
Contractor Company:
Contractor Name: **STEVE PELL CONSTRUCTION**

1615 GAMBLE LN

Date: **11/10/2005**
Permit Type:
Description:

Permit Description: **RETAINING WALLS MISCRESIDENTIALOTHE**
Work Class:
Proposed Use:
Permit Number: **B05-2561**
Status:
Valuation: **\$10,080.00**
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/11/2005**

Permit Type:

Description:

Permit Description: **ELECTRICAL ONLY MISCRESIDENTIALPEM**

Work Class:

Proposed Use:

Permit Number: B05-1760

Status:

Valuation: \$0.00

Contractor Company:

Contractor Name:

1655 GAMBLE LN

Date: **5/5/2005**

Permit Type:

Description:

Permit Description: **ADDITIONS MISCRESIDENTIALBUILD**

Work Class:

Proposed Use:

Permit Number: B05-0561

Status:

Valuation: \$88,450.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

GOLDEN CREST DR

1540 GOLDEN CREST DR

Date: **8/14/2003**
Permit Type: **COMB-OTC**
Description: **512 sf patio cover**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1005-20030916
Status:
Valuation: \$3,456.00
Contractor Company:
Contractor Name: F W KOCH CONSTRUCTION

1562 GOLDEN CREST DR

Date: **12/13/2010**
Permit Type: **ADMINISTRATIVE PERMIT**
Description: **There is no Scope of Work for this application.**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 3000-88-005
Status: INAC
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1563 GOLDEN CREST DR

Date: **6/2/2010**
Permit Type: **COMB-OTC**
Description: **2 PATIO COVERS -- 238 SQFT & 300 SQFT W/ SOLAR PV SYSTEM ABOVE (SOLAR PV ON SEPARATE PERMIT -- SEE PERMIT #1031-20100433). ***PATIO COVERS ARE EXISTING, BUT NEEDED TO BE PERMITTED SINCE SOLAR PV SYSTEM WILL**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1005-20100291
Status:
Valuation: \$5,756.60
Contractor Company:
Contractor Name: LIBERTY SOLAR

Work Class: ASSESSOR'S PLANS, BEST MANAGEMENT PRACTICES/STORMW
Proposed Use:
Permit Number: 1005-20100291
Status: DONE
Valuation: \$5,756.60
Contractor Company:
Contractor Name: LIBERTY SOLAR

Date: **6/2/2010**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: roof mount solar; and approval of two patio covers
CONDITIONS OF APPROVAL: ok to approve, REC'D PAPERWORK FROM RR**

Permit Description:
Work Class:
Proposed Use:
Permit Number: LOWS-17966
Status: EXPR
Valuation: \$0.00
Contractor Company:
Contractor Name: LIBERTY SOLAR

ADJOINING PROPERTY FINDINGS

Date: **6/2/2010**
Permit Type: **PERMIT - RENEWABLE ENERGY**
Description: **2 ROOF MOUNT RESIDENTIAL SOLAR PV'S FOR EXISTING SFD (ON TOP OF PATIO COVERS; SEE PERMIT #1005-20100291 FOR PATIO COVERS) NO. OF MODULES: 48 NO. OF INVERTERS: 48 TOTAL SYSTEM SIZE IN KILOWATTS: 11 7/2/10...plan change...see C of A Per Section 4620 (i) of the zoning ordinance; roof mounted photovoltaic systems shall not extend more than 5' above the highest point of the existing roof., BI: FYI, PLEASE MAKE SURE THAT THE PERMIT FOR THE PATIO COVERS (SEE PERMIT #1005-20100291) FINALS BEFORE THIS PERMIT.**

Permit Description:
Work Class: **CONTRACTOR LICENSE INFO, ELECTRICAL APPROVAL, LEGA**
Proposed Use:
Permit Number: **1031-20100433**
Status: **DONE**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **LIBERTY SOLAR**

Date: **5/28/2010**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: Patio covers and roof mount solar pv. CONDITIONS OF APPROVAL:, VOID - Customer didn't want to pay...**

Permit Description:
Work Class:
Proposed Use:
Permit Number: **LOWS-17963**
Status: **VOID**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **LIBERTY SOLAR**

ADJOINING PROPERTY FINDINGS

Date: **5/17/2006**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: OTC approval pool addition only CONDITIONS OF APPROVAL:**

Permit Description:
Work Class:
Proposed Use:
Permit Number: **LOWS-11208**
Status: **OPEN**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **HENDREN FAMILY TRUST 12-28-01**

Date: **5/17/2006**
Permit Type: **PERMIT- POOL/SPA**
Description: **136 SF POOL ONLY FOR EXISTING SFD .**

Permit Description:
Work Class: **ASSESSOR'S PLANS, BEST MANAGEMENT PRACTICES/STORMW**
Proposed Use:
Permit Number: **1023-20060368**
Status: **DONE**
Valuation: **\$4,674.32**
Contractor Company:
Contractor Name: **HENDREN FAMILY TRUST 12-28-01**

ADJOINING PROPERTY FINDINGS

1588 GOLDEN CREST DR

Date: **9/24/2009**
Permit Type: **PERMIT- POOL/SPA**
Description: **493 SQ. FT. POOL/SPA (MASTER PLAN #92), MISC. ELEC & PLUMG FOR EXISTING SFD**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 1023-20090189
Status:
Valuation: \$22,332.90
Contractor Company:
Contractor Name: PACIFIC SUN POOL & SPA

Work Class: ASSESSOR'S PLANS, BEST MANAGEMENT PRACTICES/STORMW
Proposed Use:
Permit Number: 1023-20090189
Status: DONE
Valuation: \$22,332.90
Contractor Company:
Contractor Name: BECKER, PAUL

Date: **9/24/2009**
Permit Type: **ONSITE WASTEWATER SYSTEM LAYOUT**
Description: **PROJECT DESCRIPTION: Pool/Spa CONDITIONS OF APPROVAL:, REC'D PAPERWORK FROM RR**

Permit Description:
Work Class:
Proposed Use:
Permit Number: LOWS-17109
Status: EXPR
Valuation: \$0.00
Contractor Company:
Contractor Name: PAUL BECKER

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

2115 Amanda Ln
2115 Amanda Ln
Escondido, CA 92029

Inquiry Number: 3654087.2S
July 08, 2013

The EDR Environmental LienSearch™ Report



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

2115 Amanda Ln
2115 Amanda Ln
Escondido, CA 92029

RESEARCH SOURCE

Source 1: San Diego County, California Assessor

Source 2: San Diego County, California Recorder

PROPERTY INFORMATION

Deed 1:

Type of Deed: Quitclaim Deed

Title is vested in: 2115 Amanda, LLC, a California limited liability company

Title received from: Steven A. Hofstadler, a married man as his sole and separate property (as to an undivided 50% interest) and Gilbert J. Miltenberger, a married man as his sole and separate property (as to an undivided 50% interest)

Deed Dated: 08/17/2011

Deed Recorded: 08/29/2011

Instrument: 2011-0443599

Legal Description: All that certain piece or parcel of land being Lot 1 and a portion of Lot 2 in Block 14 of Homeland Acres Addition to Escondido, according to Map thereof No. 1205, filed 09/10/1909, situate and lying in the County of San Diego, State of California.

Legal Current Owner: 2115 Amanda, LLC, a California limited liability company

Property Identifiers: 235-202-35-00

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

EDR Environmental LienSearch™ Report

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

EDR Environmental LienSearch™ Report

DEED EXHIBIT

RECORDING REQUESTED BY ACT

DOC # 2011-0443599



AUG 29, 2011 8:00 AM 570

OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
Ernest J. Dronenburg, Jr., COUNTY RECORDER
FEES: 18.00
OC: DC

PAGES: 2

ORDER #
APN# 235-202-35-00

MAIL TAX STATEMENTS AND RECORDED DEED TO:

Name: GILBERT J. MILTENBERGER
Street: 3660 MERCED DRIVE
Address: OCEANSIDE, CA 92056
City:

Quitclaim Deed

The undersigned Grantor(s) declare(s): Wholly Owned
Documentary transfer tax is \$ -0- *See attached Preliminary Change of Ownership
 computed on full value of property conveyed, or
 computed on full value of liens and encumbrances remaining at time of sale.
 Unincorporated area: City of ESCONDIDO
 Realty not sold.

STEVEN A. HOFSTADLER, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 50% INTEREST AND GILBERT J. MILTENBERGER, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 50% INTEREST, AS TENANTS IN COMMON hereby REMISE(S), RELEASE(S) AND FOREVER QUITCLAIM(S) to

2115 AMANDA, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

that property in 235-202-35-00 County,
State of California, described as:

SEE ATTACHED EXHIBIT "A"

Property more commonly known as 2115 Amanda Lane, Escondido, CA 92029

STATE OF CALIFORNIA
County of San Diego } ss.
On August 22, 2011 before
me, Melissa Dawn Matteson, Notary Public, Notary Public
personally appeared Steven A. Hofstadler and
Gilbert J. Miltenberger

Document Date: AUGUST 17, 2011

Steven A. Hofstadler
STEVEN A. HOFSTADLER

Gilbert J. Miltenberger
GILBERT J. MILTENBERGER

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.

Melissa Dawn Matteson
Notary Public in and for said County and State
Melissa Dawn Matteson
(Notary's name must be typed or legibly printed)



[NOTARY STAMP OR SEAL]

MAIL TAX STATEMENTS AS DIRECTED ABOVE

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Diego, State of California, described as follows:

PARCEL 1:

LOT 1 IN BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1205, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 10, 1909

PARCEL 2:

THAT PORTION OF LOT 2 IN BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA ACCORDING TO MAP THEREOF NO. 1205, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, SEPTEMBER 10, 1909 LYING EASTERLY OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHERLY LINE OF SAID LOT 2 DISTANT THEREON 46.85 FEET WESTERLY FROM THE NORTHEAST CORNER OF SAID LOT 2; THENCE SOUTHERLY IN A STRAIGHT LINE TO A POINT ON THE SOUTHERLY LINE OF SAID LOT DISTANT THEREON 43.65 FEET WESTERLY FROM THE SOUTHEAST CORNER OF SAID LOT.

EXCEPTING THEREFROM THAT PORTION LYING SOUTHERLY OF THE SOUTHERLY LINE OF THE NORTH HALF OF SAID LOT 2

PARCEL 3:

AN EASEMENT AND RIGHT OF WAY FOR ROAD AND PUBLIC UTILITY PURPOSES OVER, UNDER, ALONG AND ACROSS; THAT PORTION OF LOT 2, BLOCK 14 OF HOMELAND ACRES ADDITION TO ESCONDIDO, ACCORDING TO MAP THEREOF NO. 1205 FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY SEPTEMBER 1, 1909 LYING EASTERLY OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SAID LOT 2 DISTANT THEREON 43.65 FEET WESTERLY FROM THE SOUTHERLY CORNER OF SAID LOT 2; THENCE NORTHERLY IN A STRAIGHT LINE 645.00 FEET, MORE OR LESS, TO A POINT IN THE NORTHERLY LINE OF SAID LOT 2 DISTANT THEREON 46.85 FEET WESTERLY FROM THE NORTHEASTERLY CORNER OF SAID LOT 2, EXCEPT THAT PORTION OF SAID LOT 2 LYING NORTHERLY OF THE SOUTHERLY HALF THEREOF.

EXCEPTING THEREFROM THAT PORTION LYING NORTHERLY OF THE NORTHERLY LINE OF THE SOUTH HALF OF SAID LOT 2.

SAID EASEMENT IS HEREBY DECLARED TO BE APPURTENANT TO AND FOR THE USE AND BENEFIT OF THE PRESENT AND FUTURE OWNERS OF ALL OR ANY PORTION OF PARCELS 1 AND 2 HEREIN ABOVE DESCRIBED.

APN: 235-202-35-00

APN 235-202-35

2115 Amanda Lane
Escondido, CA 92029

Inquiry Number: 3557062.5
March 25, 2013

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 2012. 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>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2006	Haines Company, Inc.	X	X	X	-
2000	Haines Company, Inc.	X	X	X	-
1995	PACIFIC BELL WHITE PAGES	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	X	X	X	-
1989	Pacific Bell	-	-	-	-
1985	PACIFIC BELL WHITE PAGES	X	X	X	-
1984	R. L. Polk & Co.	-	-	-	-
1980	Pacific Telephone	X	X	X	-
1976	Luskey Blue Book	-	X	X	-
1975	R. L. Polk & Co.	-	-	-	-
1971	Community Directory Co.	-	X	X	-
1970	John M. Ducey	-	-	-	-
1966	R. L. Polk & Co.	-	-	-	-
1965	Community Directory Co.	-	X	X	-
1962	Community Directory Co.	-	X	X	-
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.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1943	San Diego Directory Co.	-	-	-	-
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.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
2115 Amanda Lane	Map ID: 1	X
1638 GREENWOOD PL	Map ID: 10	
2149 AMANDA LN	Map ID: 11	X
2155 AMANDA LN	Map ID: 12	X
1682 GREENWOOD PL	Map ID: 13	
1562 GOLDEN CREST DR	Map ID: 15	X
1390 BLACKHAWK GLN	Map ID: 16	X

EXECUTIVE SUMMARY

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1614 GREENWOOD PL	Map ID: 17	
1348 BLACKHAWK GLN	Map ID: 19	X
1587 GOLDEN CREST DR	Map ID: 3	X
1656 GREENWOOD PL	Map ID: 9	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2115 Amanda Lane
Escondido, CA 92029

FINDINGS DETAIL

Target Property research detail.

Amanda Lane

2115 Amanda Lane

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ULMANWm J	Haines Company, Inc.
2000	ULMAN Wm J	Haines Company, Inc.
1991	Ulman Wm J	PACIFIC BELL WHITE PAGES
1985	ULMAN WM J	PACIFIC BELL WHITE PAGES
1980	Ulman Wm J	Pacific Telephone

AMANDA LN

2115 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ULMANWm J	Haines Company, Inc.
2000	ULMAN Wm J	Haines Company, Inc.
1991	Ulman Wm J	PACIFIC BELL WHITE PAGES
1985	ULMAN WM J	PACIFIC BELL WHITE PAGES
1980	Ulman Wm J	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AMANDA LN

2148 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a HAMLIN Richard	Haines Company, Inc.
2000	HAMLIN Richard	Haines Company, Inc.

2149 AMANDA LN

Map ID: 11

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a EWING William H	Haines Company, Inc.
2000	ATWATER Cammy	Haines Company, Inc.
	ATWATER Michael	Haines Company, Inc.
	EWING Camille	Haines Company, Inc.
	EWING William H	Haines Company, Inc.
1995	SATTERFIELD BRENT OCEANSIDE 96702	PACIFIC BELL WHITE PAGES
1985	SATTERFIELD J	PACIFIC BELL WHITE PAGES

2151 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	STARSUIT	Cole Information Services
2006	WRUBLESKI Donald J	Haines Company, Inc.
	a CLARK David	Haines Company, Inc.
2000	CLARK David	Haines Company, Inc.

2153 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARTINEZ Felipe	Haines Company, Inc.
	ANVIL WORKS	Haines Company, Inc.
2000	MARTINEZ Felipe	Haines Company, Inc.
	ANVILWORKS	Haines Company, Inc.

Map ID: 12

2155 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SESTO Jay L	Haines Company, Inc.
2000	SESTO Jay L	Haines Company, Inc.
1985	JACKSON EDGAR A	PACIFIC BELL WHITE PAGES

FINDINGS

2180 AMANDA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SANFORD Kenneth	Haines Company, Inc.
2000	SANFORD Kenneth	Haines Company, Inc.
1985	SANFORD KENNETH N	PACIFIC BELL WHITE PAGES
1980	Sanford Kenneth N	Pacific Telephone

BLACKHAWK GLN

1348 BLACKHAWK GLN

Map ID: 19

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WARNER Garth	Haines Company, Inc.
2000	KEILY Bernard T KELLYN	Haines Company, Inc. Haines Company, Inc.
1991	Kelly Bernard T & Nonie	PACIFIC BELL WHITE PAGES

1390 BLACKHAWK GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	DR CHARLES C LEE	Cole Information Services
2006	BLANEY Vernon L	Haines Company, Inc.
2000	BLANEY Vernon L DDS	Haines Company, Inc.
1995	BLANEY D	PACIFIC BELL WHITE PAGES
1991	Blaney Vernon L DDS	PACIFIC BELL WHITE PAGES

BLOSSOM HILL LN

2200 BLOSSOM HILL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

2204 BLOSSOM HILL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RALPH Mark	Haines Company, Inc.

2208 BLOSSOM HILL LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Thonsa	Haines Company, Inc.
	RICHARDSON	Haines Company, Inc.

FINDINGS

CALLE JULE

1709 CALLE JULE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Bunkoske Jacob & Tenri	PACIFIC BELL WHITE PAGES
	Bunn C	PACIFIC BELL WHITE PAGES
	Bunn Charles J	PACIFIC BELL WHITE PAGES

1713 CALLE JULE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Snyder Jerome	PACIFIC BELL WHITE PAGES

1719 CALLE JULE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Zupancic Marty	PACIFIC BELL WHITE PAGES
	Zupancic Raymond & Maria	PACIFIC BELL WHITE PAGES

EUCALYPTUS AVE

2140 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	KEHOEMary	Haines Company, Inc.
	BASHDean	Haines Company, Inc.
1985	BASH DEAN A-	PACIFIC BELL WHITE PAGES
1980	Bash Dean A A	Pacific Telephone

2150 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	O HAMLIN Richard	Haines Company, Inc.
	LASER	Haines Company, Inc.
	ENGINEERING	Haines Company, Inc.
	SERVICES	Haines Company, Inc.
2000	ROBERTS Donald L	Haines Company, Inc.
1995	ROBERTS BYRON K	PACIFIC BELL WHITE PAGES
1991	Roberts Donald L	PACIFIC BELL WHITE PAGES
1985	ROBERTS DONALD L	PACIFIC BELL WHITE PAGES
1980	Roberts Donald L	Pacific Telephone
1976	Marx Properties	Luskey Blue Book

FINDINGS

2160 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a AYASH Charles	Haines Company, Inc.
2000	HUBBLE Steve	Haines Company, Inc.
	HUBBLE Casey	Haines Company, Inc.
	HUBBLE Kelly	Haines Company, Inc.
	AYASHCharles	Haines Company, Inc.
1995	HUBBLE H	PACIFIC BELL WHITE PAGES
1991	Hubble Steve	PACIFIC BELL WHITE PAGES
1985	HUBBLE STEVE	PACIFIC BELL WHITE PAGES

2161 EUCALYPTUS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	al FILL Vincent	Haines Company, Inc.

GAMBLE LN

1550 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Ulman Geo O Elaine formn Esc Sand h	Community Directory Co.
1965	ULMAN EFFIE MRS H	Community Directory Co.
1962	Ulman Effie Mrs h	Community Directory Co.

1602 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Ulman William J Jean	Luskey Blue Book
1971	Ulman Wm J Jean W tchr h	Community Directory Co.
1965	ULMAN WM J (JEAN W) TCHR H	Community Directory Co.
1962	Ulman Wm J Jean tchr h	Community Directory Co.

1609 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	BRIDGEFORD DRYWALL	Cole Information Services

1615 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	ALPHA ETA RHO INTERNATIONAL AVI	Cole Information Services
2006	a BACKART Kent IE	Haines Company, Inc.
2000	BACKARTKent E	Haines Company, Inc.
	BACKART Mara Elena	Haines Company, Inc.
1991	Backart Kent E & Maria Elena	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	BACKART KENT E	PACIFIC BELL WHITE PAGES
	BACKART LYDIA	PACIFIC BELL WHITE PAGES
1980	Backart Kent E	Pacific Telephone
1976	Backart Kent E Lydia	Luskey Blue Book
1971	Backart Kent E Lydia tchr h	Community Directory Co.

1655 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	BERRYMANWilliam	Haines Company, Inc.

1660 GAMBLE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PORTIS Donald L	Haines Company, Inc.
	o COLLINS David	Haines Company, Inc.
2000	PORTIS Donald L	Haines Company, Inc.
1995	R	PACIFIC BELL WHITE PAGES
1991	Portis Donald L	PACIFIC BELL WHITE PAGES
1985	PORTIS DONALD L	PACIFIC BELL WHITE PAGES
1980	Portis Donald L	Pacific Telephone
1976	Portis Donald L Pat	Luskey Blue Book

GAMBLE ST

1645 GAMBLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CARRILLO Marcos	Haines Company, Inc.
	CARRILLO Marcos	Haines Company, Inc.
	a DOMINGUEZAbel	Haines Company, Inc.
	RIVAS Marcelino	Haines Company, Inc.

GOLDEN CREST DR

1539 GOLDEN CREST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	NEW FASHIONS INC	Cole Information Services
2006	LOK Thomas	Haines Company, Inc.

FINDINGS

1540 GOLDEN CREST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SEIFERTJ ELLIOTTJack	Haines Company, Inc. Haines Company, Inc.

Map ID: 15

1562 GOLDEN CREST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e HOPPAL Bruce	Haines Company, Inc.

Map ID: 3

1587 GOLDEN CREST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

1588 GOLDEN CREST DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALIRES Richard	Haines Company, Inc.

GREENWOOD PL

1614 GREENWOOD PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	RANCHO COMPUTER NETWORKS	Cole Information Services

JUELA

1709 JUELA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	LOVELACE HUTGH	PACIFIC BELL WHITE PAGES

SONRISA GLN

2202 SONRISA GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LAZCANO Genero	Haines Company, Inc.

2206 SONRISA GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	WILMOTT Dons	Haines Company, Inc.

2210 SONRISA GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NEILSON Bruce	Haines Company, Inc.

FINDINGS

2214 SONRISA GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DAMEROW Sheila	Haines Company, Inc.

2218 SONRISA GLN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OSMART Karol	Haines Company, Inc.

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

2115 Amanda Lane

Address Not Identified in Research Source

2012, 2007, 1995, 1992, 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

1348 BLACKHAWK GLN

Address Not Identified in Research Source

2012, 2007, 1995, 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

1390 BLACKHAWK GLN

2012, 2006, 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

1390 BLACKHAWK GLN

2012, 2007, 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

1539 GOLDEN CREST DR

2012, 2007, 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

1539 GOLDEN CREST DR

2012, 2006, 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

1540 GOLDEN CREST DR

2012, 2007, 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

1550 GAMBLE LN

2012, 2007, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

1562 GOLDEN CREST DR

2012, 2007, 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

1587 GOLDEN CREST DR

2012, 2007, 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

1588 GOLDEN CREST DR

2012, 2007, 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

1602 GAMBLE LN

2012, 2007, 2006, 2000, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1975, 1970, 1966, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

1609 GAMBLE LN

2007, 2006, 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

1614 GREENWOOD PL

2012, 2006, 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

FINDINGS

Address Researched

Address Not Identified in Research Source

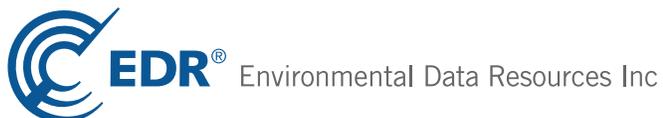
2153 AMANDA LN	2012, 2007, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
2155 AMANDA LN	2012, 2007, 1995, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
2160 EUCALYPTUS AVE	2012, 2007, 1992, 1989, 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
2161 EUCALYPTUS AVE	2012, 2007, 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
2180 AMANDA LN	2012, 2007, 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
2200 BLOSSOM HILL LN	2012, 2007, 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
2202 SONRISA GLN	2012, 2007, 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
2204 BLOSSOM HILL LN	2012, 2007, 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
2206 SONRISA GLN	2012, 2007, 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
2208 BLOSSOM HILL LN	2012, 2007, 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
2210 SONRISA GLN	2012, 2007, 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
2214 SONRISA GLN	2012, 2007, 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
2218 SONRISA GLN	2012, 2007, 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

APN 235-202-35

2115 Amanda Lane
Escondido, CA 92029

Inquiry Number: 3557062.2s
March 25, 2013

FirstSearch Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

Search Summary Report

**TARGET SITE 2115 AMANDA LANE
ESCONDIDO, CA 92029**

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<i>NPL</i>	Y	0	0	0	0	0	0	0
<i>NPL Delisted</i>	Y	0	0	0	0	0	0	0
<i>CERCLIS</i>	Y	0	0	0	0	-	2	2
<i>NFRAP</i>	Y	0	0	0	0	-	0	0
<i>RCRA COR ACT</i>	Y	0	0	0	0	0	0	0
<i>RCRA TSD</i>	Y	0	0	0	0	-	0	0
<i>RCRA GEN</i>	Y	0	0	1	-	-	1	2
<i>Federal IC / EC</i>	Y	0	0	0	0	-	0	0
<i>ERNS</i>	Y	0	-	-	-	-	0	0
<i>State/Tribal NPL</i>	Y	0	0	0	0	1	0	1
<i>State/Tribal CERCLIS</i>	Y	0	0	0	0	2	1	3
<i>State/Tribal SWL</i>	Y	0	0	0	0	-	3	3
<i>State/Tribal LTANKS</i>	Y	0	0	0	0	-	1	1
<i>State/Tribal Tanks</i>	Y	0	0	0	-	-	0	0
<i>State/Tribal VCP</i>	Y	0	0	0	0	-	0	0
<i>US Brownfields</i>	Y	0	0	0	0	-	0	0
<i>Other SWF</i>	Y	0	0	0	0	-	0	0
<i>Other Haz Sites</i>	Y	0	-	-	-	-	1	1
<i>Other Tanks</i>	Y	0	0	0	-	-	1	1
<i>Local Land Records</i>	Y	0	0	0	0	-	0	0
<i>Spills</i>	Y	0	-	-	-	-	0	0
<i>Other</i>	Y	0	-	2	-	-	3	5
- Totals --		0	0	3	0	3	13	19

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Search Summary Report

**TARGET SITE: 2115 AMANDA LANE
ESCONDIDO, CA 92029**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	02/01/2013	1.000	0	0	0	0	0	0	0
	Proposed NPL	02/01/2013	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	02/01/2013	1.000	0	0	0	0	0	0	0
CERCLIS	CERCLIS	02/04/2013	0.500	0	0	0	0	-	2	2
NFRAP	CERC-NFRAP	02/05/2013	0.500	0	0	0	0	-	0	0
RCRA COR ACT	CORRACTS	02/12/2013	1.000	0	0	0	0	0	0	0
RCRA TSD	RCRA-TSDF	02/12/2013	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	02/12/2013	0.250	0	0	1	-	-	1	2
	RCRA-SQG	02/12/2013	0.250	0	0	0	-	-	0	0
	RCRA-CESQG	02/12/2013	0.250	0	0	0	-	-	0	0
Federal IC / EC	US ENG CONTROLS	12/19/2012	0.500	0	0	0	0	-	0	0
	US INST CONTROL	12/19/2012	0.500	0	0	0	0	-	0	0
ERNS	ERNS	12/31/2012	TP	0	-	-	-	-	0	0
State/Tribal NPL	RESPONSE	12/05/2012	1.000	0	0	0	0	1	0	1
State/Tribal CERCLIS	ENVIROSTOR	12/05/2012	1.000	0	0	0	0	2	1	3
State/Tribal SWL	SWF/LF	02/18/2013	0.500	0	0	0	0	-	3	3
State/Tribal LTANKS	LUST	01/30/2013	0.500	0	0	0	0	-	0	0
	SLIC	01/30/2013	0.500	0	0	0	0	-	1	1
	SAN DIEGO CO. SAM	03/23/2010	0.500	0	0	0	0	-	0	0
	INDIAN LUST	04/12/2012	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	12/17/2012	0.250	0	0	0	-	-	0	0
	AST	08/01/2009	0.250	0	0	0	-	-	0	0
	INDIAN UST	04/12/2012	0.250	0	0	0	-	-	0	0
State/Tribal VCP	VCP	12/05/2012	0.500	0	0	0	0	-	0	0
US Brownfields	US BROWNFIELDS	12/10/2012	0.500	0	0	0	0	-	0	0

Search Summary Report

**TARGET SITE: 2115 AMANDA LANE
ESCONDIDO, CA 92029**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
Other SWF	WMUDS/SWAT	04/01/2000	0.500	0	0	0	0	-	0	0
Other Haz Sites	US CDL	11/14/2012	TP	0	-	-	-	-	0	0
	SCH	12/05/2012	0.250	0	0	0	-	-	1	1
	San Diego Co. HMMD	08/17/2012	TP	0	-	-	-	-	0	0
Other Tanks	CA FID UST	10/31/1994	0.250	0	0	0	-	-	0	0
	SWEEPS UST	06/01/1994	0.250	0	0	0	-	-	1	1
Local Land Records	DEED	03/11/2013	0.500	0	0	0	0	-	0	0
Spills	HMIRS	12/31/2012	TP	0	-	-	-	-	0	0
	CHMIRS	12/06/2012	TP	0	-	-	-	-	0	0
	SPILLS90	06/06/2012	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	02/12/2013	TP	0	-	-	-	-	0	0
	TRIS	12/31/2009	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	ICIS	07/20/2011	TP	0	-	-	-	-	0	0
	PADS	11/01/2010	TP	0	-	-	-	-	0	0
	MLTS	06/21/2011	TP	0	-	-	-	-	0	0
	RADINFO	10/02/2012	TP	0	-	-	-	-	0	0
	FINDS	10/23/2011	TP	0	-	-	-	-	1	1
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	Cortese	01/02/2013	0.500	0	0	0	0	-	0	0
	CUPA Listings		0.250	0	0	0	-	-	0	0
	HAZNET	12/31/2011	0.250	0	0	2	-	-	2	4
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	US AIRS	11/15/2012	TP	0	-	-	-	-	0	0
	PRP	12/02/2012	TP	0	-	-	-	-	0	0
	WDS	06/19/2007	TP	0	-	-	-	-	0	0
	- Totals --			0	0	3	0	3	13	19

Site Information Report

RADON

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92029	5	1

Target Site Summary Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

TOTAL: 19

GEOCODED: 6

NON GEOCODED: 13

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
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No sites found for target address

Sites Summary Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

TOTAL: 19 GEOCODED: 6 NON GEOCODED: 13

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	HAZNET	PINNICK INC	2195 W CITRACADO PKWY ESCONDIDO, CA 92029	0.17 SW	- 6	1
A2	RCRA-LQG --CAR000217448	PALOMAR MEDICAL CENTER WEST	2185 W CITRACADO PKWY ESCONDIDO, CA 92029	0.17 SW	- 6	2
A3	HAZNET	ASBURY STEEL CONSTRUCTION COMP	2185 W CITRACADO PKWY ESCONDIDO, CA 92029	0.17 SW	- 6	6
4	ENVIROSTOR --60001151 --No Further Action	CITRACADO HIGH SCHOOL	WEST VALLEY PARKWAY/CITRA ESCONDIDO, CA 92027	0.65 West	- 103	8
5	ENVIROSTOR --37490029 --Active	CHATHAM SITE	2257 BERNARDO AV ESCONDIDO, CA 92029	0.72 ESE	- 153	10
5	RESPONSE --Active --37490029	CHATHAM SITE	2257 BERNARDO AV ESCONDIDO, CA 92029	0.72 ESE	- 153	23

Sites Summary Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

TOTAL: 19

GEOCODED: 6

NON GEOCODED: 13

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	SWEEPS UST --A	CALTRANS	HIGHWAY 76 & I-5 ESCONDIDO, CA 92029	NON GC	N/A	N/A
	ENVIROSTOR --37010001 --No Further Action	BERNARDO ELEMENTARY SCHOOL	BERNARDO AVENUE/MOUNTAIN ESCONDIDO, CA 92029	NON GC	N/A	N/A
	SCH --No Further Action --37010001 --No Further Action	BERNARDO ELEMENTARY SCHOOL	BERNARDO AVENUE/MOUNTAIN ESCONDIDO, CA 92029	NON GC	N/A	N/A
	CERCLIS --CAD990663361	CHATHAM BROS	2257 BERNARDO AVE ESCONDIDO, CA 92025	NON GC	N/A	N/A
	SLIC --Open - Inactive --Open - Inactive	MAYHEW/ESCONDIDO I BURN SITE	1600 BLOCK OF GREENWOOD P ESCONDIDO, CA 92025	NON GC	N/A	N/A
	HAZNET	PALOMAR ENERGY PROJECT	1000 S CITRACADO PKWY ESCONDIDO, CA 92029	NON GC	N/A	N/A
	RCRA-LQG --CAR000186361	CITY OF SAN DIEGO - CITRACADO	75FT OF CITRACADO & AVENI ESCONDIDO, CA 92025	NON GC	N/A	N/A
	SWF/LF --CLOSED SITES	DIXON DAM	DIXON DAM @ LAKE DIXON SP ESCONDIDO, CA	NON GC	N/A	N/A
	SWF/LF --37-CR-0045 --CLOSED SITES	MAYHEW (ESCONDIDO I) DUMP	GREENWOOD PL., NW1/4, SEC ESCONDIDO, CA	NON GC	N/A	N/A
	FINDS	SANTA YSABEL CREEK GROUNDWATER	1.5 MILES SE OF ESCONDIDO ESCONDIDO, CA 92025	NON GC	N/A	N/A
	CERCLIS --CAD983659152	SANTA YSABEL CREEK GROUNDWATER	1.5 MILES SE OF ESCONDIDO ESCONDIDO, CA 92025	NON GC	N/A	N/A
	HAZNET	CITY OF SAN DIEGO CITRACADO PU	75 FT NE OF CITRACADO AND ESCONDIDO, CA 92025	NON GC	N/A	N/A

Sites Summary Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

TOTAL: 19

GEOCODED: 6

NON GEOCODED: 13

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	SWF/LF --CLOSED SITES	BENTON DUMP	STILLWATER GLEN ESCONDIDO, CA	NON GC	N/A	N/A

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

HAZNET

EDR ID: S109932086 **DIST/DIR:** 0.165 SW **ELEVATION:** 805 **MAP ID:** A1

NAME: PINNICK INC **Rev:** 12/31/2011
ADDRESS: 2195 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO
SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2008
Gepaid: CAC002636748
Contact: MIKE PINNICK JR
Telephone: 6199212072
Mailing Name: PINNICK INC
Mailing Address: PO BOX 945
Mailing City,St,Zip: EL CAJON, CA 92022
Gen County: San Diego
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)
Tons: 45.5112
Facility County: San Diego

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RCRA-LQG

EDR ID: 1014465291 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A2

NAME: PALOMAR MEDICAL CENTER WEST
ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAR000217448

RCRA-LQG:

Date form received by agency: 04/04/2011
Facility name: PALOMAR MEDICAL CENTER WEST
Facility address: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
EPA ID: CAR000217448
Contact: JONATHAN D HULS
Contact address: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
Contact country: US
Contact telephone: 858-583-8045
Contact email: JONATHAN.HULS@PPH.ORG
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: PALOMAR POMERADO HOSP DIST
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 03/31/2006
Owner/Op end date: Not reported

Owner/operator name: PALOMAR POMERADO HOSP DIST
Owner/operator address: 456 GRAND AVE
ESCONDIDO, CA 92025
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Other

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RCRA-LQG

EDR ID: 1014465291 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A2

NAME: PALOMAR MEDICAL CENTER WEST
ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAR000217448

Owner/Operator Type: Owner
Owner/Op start date: 03/31/2006
Owner/Op end date: Not reported

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

Hazardous Waste Summary:
Waste code: 151
Waste name: 151

Waste code: 171
Waste name: 171

Waste code: 181
Waste name: 181

Waste code: 214
Waste name: 214

Waste code: 221
Waste name: 221

Waste code: 223
Waste name: 223

Waste code: 291
Waste name: 291

Waste code: 343

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RCRA-LQG

EDR ID: 1014465291 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A2

NAME: PALOMAR MEDICAL CENTER WEST

Rev: 02/12/2013

ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO

ID/Status: CAR000217448

SOURCE: US Environmental Protection Agency

Waste name: 343

Waste code: 352

Waste name: 352

Waste code: 551

Waste name: 551

Waste code: D001

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

Waste code: D008

Waste name: LEAD

Waste code: D009

Waste name: MERCURY

Waste code: D011

Waste name: SILVER

Waste code: F002

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

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RCRA-LQG

EDR ID: 1014465291 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A2

NAME: PALOMAR MEDICAL CENTER WEST
ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO

Rev: 02/12/2013
ID/Status: CAR000217448

SOURCE: US Environmental Protection Agency

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

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

Waste code: P042

Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

Waste code: P075

Waste name: NICOTINE, & SALTS

Waste code: U010

Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]- 1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-

Waste code: U035

Waste name: BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-

Waste code: U058

Waste name: CYCLOPHOSPHAMIDE

Waste code: U059

Waste name: DAUNOMYCIN

Waste code: U150

Waste name: MELPHALAN

Waste code: U206

Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-

Waste code: U237

Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]-

Violation Status: No violations found

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

HAZNET

EDR ID: S110371773 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A3

NAME: ASBURY STEEL CONSTRUCTION COMPANY **Rev:** 12/31/2011
ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO
SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAC002671318
Contact: MARK LARSEN
Telephone: 6196665131
Mailing Name: Not reported
Mailing Address: 2251 SAN DIEGO AVE STE B251
Mailing City,St,Zip: SAN DIEGO, CA 921102969
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.396
Facility County: San Diego

Year: 2011
Gepaid: CAC002671318
Contact: MARK LARSEN
Telephone: 6196665131
Mailing Name: Not reported
Mailing Address: 2251 SAN DIEGO AVE STE B251
Mailing City,St,Zip: SAN DIEGO, CA 921102969
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.1485
Facility County: San Diego

Year: 2009
Gepaid: CAC002646667
Contact: MIKE ASBURY
Telephone: 6194652311
Mailing Name: Not reported
Mailing Address: PO BOX 1086
Mailing City,St,Zip: SPRING VALLEY, CA 919791086
Gen County: San Diego
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

HAZNET

EDR ID: S110371773 **DIST/DIR:** 0.166 SW **ELEVATION:** 805 **MAP ID:** A3

NAME: ASBURY STEEL CONSTRUCTION COMPANY

Rev: 12/31/2011

ADDRESS: 2185 W CITRACADO PKWY
ESCONDIDO, CA 92029
SAN DIEGO

SOURCE: CA California Environmental Protection Agency

(H010-H129) Or (H131-H135)
Tons: 0.65
Facility County: San Diego

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S109821390 **DIST/DIR:** 0.654 West **ELEVATION:** 708 **MAP ID:** 4

NAME: CITRACADO HIGH SCHOOL **Rev:** 12/05/2012
ADDRESS: WEST VALLEY PARKWAY/CITRACADO PARKWAY ID/Status: 60001151
ESCONDIDO, CA 92027 ID/Status: No Further Action
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

ENVIROSTOR:

Site Type: School Investigation
Site Type Detailed: School
Acres: 34.2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Johnson Abraham
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 60001151
Site Code: 404839
Assembly: 75
Senate: 38
Special Program: Not reported
Status: No Further Action
Status Date: 01/28/2010
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 33.099
Longitude: -117.104
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 31001, 30001, 30004, 30006, 30007, 30008, 30013, 30019
Confirmed COC: 30001-NO,30004-NO,30019-NO,31001,30013-NO,30006-NO,30007-NO,30008-NO
Potential Description: SOIL
Alias Name: 404839
Alias Type: Project Code (Site Code)
Alias Name: 60001151
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 09/30/2009
Comments: Signed Agreement sent (FedEx) to District

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/02/2010
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S109821390 **DIST/DIR:** 0.654 West **ELEVATION:** 708 **MAP ID:** 4

NAME: CITRACADO HIGH SCHOOL **Rev:** 12/05/2012
ADDRESS: WEST VALLEY PARKWAY/CITRACADO PARKWAY ID/Status: 60001151
ESCONDIDO, CA 92027 ID/Status: No Further Action
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/09/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 08/18/2009
Comments: DTSC sent out EOA to District for signature.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/28/2010
Comments: DTSC concurred with the PEA recommendation that no further action is needed at the site.

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

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

ENVIROSTOR:
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 35
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Hossein Nassiri
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 37490029
Site Code: 400029
Assembly: 75
Senate: 38
Special Program: Not reported
Status: Active
Status Date: 04/18/1996
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.09302
Longitude: -117.0890
APN: NONE SPECIFIED
Past Use: RECYCLING - OTHER, RECYCLING - USED OIL
Potential COC: 10003, 10198, 10199, 30013, 30018
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SOIL, SURFW
Alias Name: CHATHAM SITE
Alias Type: Alternate Name
Alias Name: CAD990663361
Alias Type: EPA Identification Number
Alias Name: 110002611219
Alias Type: EPA (FRS #)
Alias Name: SL209094184
Alias Type: GeoTracker Global ID
Alias Name: P41009
Alias Type: PCode
Alias Name: 400029
Alias Type: Project Code (Site Code)
Alias Name: 37490029
Alias Type: Envirostor ID Number

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

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE

Rev: 12/05/2012

ADDRESS: 2257 BERNARDO AV
ESCONDIDO, CA 92029
SAN DIEGO

ID/Status: 37490029
ID/Status: Active

SOURCE: CA Department of Toxic Substances Control

Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 01/05/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 06/25/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 02/05/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 02/05/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 07/17/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 09/04/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/14/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 03/31/1999
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Settlement with Hollandia (\$11,500) Future June 2004, June 2005, June 2006 - \$7,700 per year. Settlement with Shell Oil (\$1,500).
Settlement with Crest Motors (\$50,000).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 03/31/2003
Comments: Settlement Decree \$220,000 TLDYN.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/20/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/05/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 07/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 10/12/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 11/16/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/28/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 01/23/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/30/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/18/2008
Comments: The former branch chief for this site, who had signatory authority for the account, sent a letter requesting that escrow funds be released.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Document Type: Consent Decree
Completed Date: 03/09/1998
Comments: This was a consent decree with the Chatham family, signed on March 9, 1998.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Injunctive Relief Order
Completed Date: 05/14/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/08/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/26/2010
Comments: Letter mailed out this day.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: A Consent Decree was filed resolving DTSC's claims against Hollandia Farms, Inc. and Hollandia Dairy, Inc. (Case No. 99 CV 0996 BTM (JAH) consolidated with 00 CV 0204 BTM (JAH) and 00 CV 0958 BTM (JAH))

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/14/2012
Comments: Sent letter to Anne Platt on this date regarding her request to install an irrigation well on her property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/11/2005
Comments: 3.5-year review was completed August 11, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 11/13/2000
Comments: Off Yard removal completed. Vapor Extraction and Ground Water Treatment Systems are operating.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Date: 08/18/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/20/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/20/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/06/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1990
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/29/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 12/31/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/21/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/30/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/27/2006
Comments: The consultant submitted the O&M plan for the groundwater remediation system facility and soil vapor extraction system, dated February 6, 2006. DTSC approved this plan by a letter dated March 27, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/26/2006
Comments: U.S. EPA approved the site screening assessment report on April 12, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/25/2007
Comments: On March 1, 2007, DTSC sent a letter to the consultant for the PRP group, officially stating that the EISB workplan had been approved.

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/27/2007
Comments: On April 27, 2007, DTSC sent a letter to the PRP Group consultant stating that DTSC approved the technical memorandum as discussed in the February 19, 2007 response to DTSC's comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/16/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/27/2007
Comments: On April 27, 2007, DTSC sent a letter to the PRP group consultant, stating that DTSC approved of the proposed decommissioning and replacing of shallow monitor well MW-47.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008
Comments: Report accepted, no further action needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008
Comments: DTSC is not requiring any further action for this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/15/1997
Comments: DTSC site screening was dated May 15, 1997. Recommended referral to DTSC's site mitigation program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/10/2008
Comments: DTSC had no comments on this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2008
Comments: This is only a status report. DTSC will not make comments on this report, and will not ask for modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/19/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2008
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2008
Comments: DTSC did not comment on this.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/18/2009
Comments: DTSC had no comments to make on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: 37490029
ESCONDIDO, CA 92029 ID/Status: Active
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Date: 09/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 04/21/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/10/2012
Comments: DTSC had no comments on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/22/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/10/2012
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

ENVIROSTOR

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE

Rev: 12/05/2012

ADDRESS: 2257 BERNARDO AV
ESCONDIDO, CA 92029
SAN DIEGO

ID/Status: 37490029
ID/Status: Active

SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/30/2012
Comments: This was a monitoring document, GS had no comments

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 12/31/2012
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 06/25/2013
Schedule Revised Date: Not reported

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

RESPONSE:

Facility ID: 37490029
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 35
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: Hossein Nassiri
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 400029
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 75
Senate: 38
Special Program Status: Not reported
Status: Active
Status Date: 04/18/1996
Restricted Use: NO
Funding: Responsible Party
Latitude: 33.09302
Longitude: -117.0890
APN: NONE SPECIFIED
Past Use: RECYCLING - OTHER, RECYCLING - USED OIL
Potential COC: 10003, 10198, 10199, 30013, 30018
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SOIL, SURFW
Alias Name: CHATHAM SITE
Alias Type: Alternate Name
Alias Name: CAD990663361
Alias Type: EPA Identification Number
Alias Name: 110002611219
Alias Type: EPA (FRS #)
Alias Name: SL209094184
Alias Type: GeoTracker Global ID
Alias Name: P41009
Alias Type: PCode
Alias Name: 400029
Alias Type: Project Code (Site Code)
Alias Name: 37490029
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 01/05/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 06/25/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 02/05/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 02/05/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 07/17/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 09/04/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 04/14/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 03/31/1999

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Settlement with Hollandia (\$11,500) Future June 2004, June 2005, June 2006 - \$7,700 per year. Settlement with Shell Oil (\$1,500).
Settlement with Crest Motors (\$50,000).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 03/31/2003
Comments: Settlement Decree \$220,000 TLDYN.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/20/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/05/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 07/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 10/12/1993
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 11/16/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/28/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/30/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 01/23/1986
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/30/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/18/2008
Comments: The former branch chief for this site, who had signatory authority for the account, sent a letter requesting that escrow funds be released.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
 ESCONDIDO, CA 92029 ID/Status: 37490029
 SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Sub Area Name: Not reported
 Completed Document Type: Consent Decree
 Completed Date: 03/09/1998
 Comments: This was a consent decree with the Chatham family, signed on March 9, 1998.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Injunctive Relief Order
 Completed Date: 05/14/1999
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Consent Decree
 Completed Date: 12/08/2000
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Annual Oversight Cost Estimate
 Completed Date: 10/26/2010
 Comments: Letter mailed out this day.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Consent Decree
 Completed Date: 02/04/2003
 Comments: A Consent Decree was filed resolving DTSC's claims against Hollandia Farms, Inc. and Hollandia Dairy, Inc. (Case No. 99 CV 0996 BTM (JAH) consolidated with 00 CV 0204 BTM (JAH) and 00 CV 0958 BTM (JAH)

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Correspondence
 Completed Date: 09/12/2011
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Annual Oversight Cost Estimate
 Completed Date: 11/01/2011
 Comments: Not reported

Completed Area Name: PROJECT WIDE

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/14/2012
Comments: Sent letter to Anne Platt on this date regarding her request to install an irrigation well on her property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/11/2005
Comments: 3.5-year review was completed August 11, 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 11/13/2000
Comments: Off Yard removal completed. Vapor Extraction and Ground Water Treatment Systems are operating.

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

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 08/18/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/20/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 12/20/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/06/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1990
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/29/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 12/31/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/21/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/30/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 03/27/2006
Comments: The consultant submitted the O&M plan for the groundwater remediation system facility and soil vapor extraction system, dated February 6, 2006. DTSC approved this plan by a letter dated March 27, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/26/2006
Comments: U.S. EPA approved the site screening assessment report on April 12, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 04/25/2007
Comments: On March 1, 2007, DTSC sent a letter to the consultant for the PRP group, officially stating that the EISB workplan had been approved.

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 04/27/2007
Comments: On April 27, 2007, DTSC sent a letter to the PRP Group consultant stating that DTSC approved the technical memorandum as discussed in the February 19, 2007 response to DTSC's comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/16/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/27/2007
Comments: On April 27, 2007, DTSC sent a letter to the PRP group consultant, stating that DTSC approved of the proposed decommissioning and replacing of shallow monitor well MW-47.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008
Comments: Report accepted, no further action needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008
Comments: DTSC is not requiring any further action for this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/15/1997
Comments: DTSC site screening was dated May 15, 1997. Recommended referral to DTSC's site mitigation program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/16/2008

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/10/2008
Comments: DTSC had no comments on this report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2008
Comments: This is only a status report. DTSC will not make comments on this report, and will not ask for modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/19/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2008
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2008
Comments: DTSC did not comment on this.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/18/2009
Comments: DTSC had no comments to make on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Date: 09/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 01/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 04/21/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/10/2012
Comments: DTSC had no comments on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/22/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 05/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/10/2012
Comments: Not reported

- Continued on next page -

Site Detail Report

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

RESPONSE

EDR ID: S104750005 **DIST/DIR:** 0.724 ESE **ELEVATION:** 658 **MAP ID:** 5

NAME: CHATHAM SITE **Rev:** 12/05/2012
ADDRESS: 2257 BERNARDO AV ID/Status: Active
ESCONDIDO, CA 92029 ID/Status: 37490029
SAN DIEGO
SOURCE: CA Department of Toxic Substances Control

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 07/30/2012
Comments: This was a monitoring document, GS had no comments

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 12/31/2012
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 06/25/2013
Schedule Revised Date: Not reported

Database Descriptions

NPL: NPL 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. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: DELISTED NPL 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. DELISTED NPL - National Priority List Deletions

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

NFRAP: CERCLIS-NFRAP 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. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

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

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

Federal IC / EC: US ENG CONTROLS 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. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

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

Database Descriptions

State/Tribal NPL: RESPONSE Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. RESPONSE - State Response Sites

State/Tribal 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. ENVIROSTOR - EnviroStor Database

State/Tribal SWL: SWF/LF (SWIS) 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. SWF/LF (SWIS) - Solid Waste Information System

State/Tribal LTANKS: LUST REG 8 ORANGE CO. LUST - List of Underground Storage Tank Cleanups. LUST REG 1 - Active Toxic Site Investigation. RIVERSIDE CO. LUST - Listing of Underground Tank Cleanup Sites. LUST - Geotracker's Leaking Underground Fuel Tank Report. LUST REG 7 - Leaking Underground Storage Tank Case Listing. LUST REG 3 - Leaking Underground Storage Tank Database. LUST REG 5 - Leaking Underground Storage Tank Database. SONOMA CO. LUST - Leaking Underground Storage Tank Sites. LUST REG 6V - Leaking Underground Storage Tank Case Listing. LUST REG 4 - Underground Storage Tank Leak List. LUST REG 9 - Leaking Underground Storage Tank Report. LUST REG 2 - Fuel Leak List. VENTURA CO. LUST - Listing of Underground Tank Cleanup Sites. LUST REG 6L - Leaking Underground Storage Tank Case Listing. SAN MATEO CO. LUST - Fuel Leak List. LUST SANTA CLARA - LOP Listing. SAN FRANCISCO CO. LUST - Local Oversight Facilities. SOLANO CO. LUST - Leaking Underground Storage Tanks. NAPA CO. LUST - Sites With Reported Contamination. Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties. NAPA CO. LUST - Leaking Underground Storage Tank Database SLIC - Statewide SLIC Cases. SLIC REG 1 - Active Toxic Site Investigations. SLIC REG 2 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 3 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 4 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 5 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6V - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6L - SLIC Sites. SLIC REG 7 - SLIC List. SLIC REG 8 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. Sacramento Co. CS - Toxic Site Clean-Up List. SLIC REG 9 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SAN DIEGO CO. SAM - Environmental Case Listing. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: UST Active UST facilities gathered from the local regulatory agencies UST - Active UST Facilities AST - Aboveground Petroleum Storage Tank Facilities. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land.

State/Tribal VCP: VCP 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. VCP - Voluntary Cleanup Program Properties

Database Descriptions

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

Other SWF: VENTURA CO. LF SAN DIEGO CO. LF - Solid Waste Facilities. CA LA LF - City of Los Angeles Landfills. LOS ANGELES CO. LF - List of Solid Waste Facilities. Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites. LOS ANGELES CO. LF - Inventory of Illegal Abandoned and Inactive Sites WMUDS/SWAT - Waste Management Unit Database.

Other Haz Sites: US CDL 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. US CDL - Clandestine Drug Labs SCH - School Property Evaluation Program. SAN DIEGO CO. HMMD - Hazardous Materials Management Division Database.

Other Tanks: CA FID UST 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. CA FID UST - Facility Inventory Database ALAMEDA CO. UST - Underground Tanks. KERN CO. UST - Underground Storage Tank Sites & Tank Listing. MARIN CO. UST - Underground Storage Tank Sites. NAPA CO. UST - Closed and Operating Underground Storage Tank Sites. ORANGE CO. UST - List of Underground Storage Tank Facilities. RIVERSIDE CO. UST - Underground Storage Tank Tank List. SAN FRANCISCO CO. UST - Underground Storage Tank Information. SOLANO CO. UST - Underground Storage Tanks. SUTTER CO. UST - Underground Storage Tanks. VENTURA CO. UST - Underground Tank Closed Sites List. YOLO CO. UST - Underground Storage Tank Comprehensive Facility Report. EL SEGUNDO UST - City of El Segundo Underground Storage Tank. LONG BEACH UST - City of Long Beach Underground Storage Tank. UST SAN JOAQUIN - San Joaquin Co. UST. UST MENDOCINO - Mendocino County UST Database. TORRANCE UST - City of Torrance Underground Storage Tank. SWEEPS UST - SWEEPS UST Listing.

Local Land Records: DEED 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. DEED - Deed Restriction Listing

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System CHMIRS - California Hazardous Material Incident Report System. Orange Co. Industrial Site - List of Industrial Site Cleanups. SPILLS90 - SPILLS90 data from FirstSearch.

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators TRIS - Toxic Chemical Release Inventory System. TSCA - Toxic Substances Control Act. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). 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. BRS - Biennial Reporting System. CORTESE - "Cortese" Hazardous Waste & Substances Sites List. CUPA - CUPA Resources List. CUPA IMPERIAL - CUPA Facility List. CUPA MONO - CUPA Facility List. CUPA SANTA BARBARA - CUPA Facility Listing. CUPA MONTEREY - CUPA Facility Listing. CUPA SANTA CRUZ - CUPA Facility List. CUPA MERCED - CUPA Facility List. CUPA SAN LUIS OBISPO - CUPA Facility List. CUPA SHASTA - CUPA Facility List. CUPA HUMBOLDT - CUPA Facility List. CUPA INYO - CUPA Facility List. CUPA FRESNO - CUPA Resources List. CUPA DEL NORTE - CUPA Facility List. CUPA SONOMA - CUPA Facility List. CUPA TUOLUMNE - CUPA Facility List. CUPA LAKE - CUPA Facility List. CUPA SANTA CLARA - CUPA Facility List. CUPA CALVERAS - CUPA Facility Listing. CUPA AMADOR - CUPA Facility List. CUPA KINGS - CUPA Facility List. CUPA MADERA - CUPA Facility List. CUPA NEVADA - CUPA Facility List. CUPA BUTTE - CUPA Facility Listing. CUPA COLUSA - CUPA Facility List. CUPA YUBA - CUPA Facility List. CUPA EL DORADO - CUPA Facility List. LA Co. Site Mitigation - Site Mitigation List. Sacramento Co. ML -

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal NPL: Department of Toxic Substances Control

Updated Quarterly

State/Tribal CERCLIS: Department of Toxic Substances Control

Updated Quarterly

State/Tribal SWL: Department of Resources Recycling and Recovery

Updated Quarterly

State/Tribal LTANKS: California Regional Water Quality Control Board Victorville Branch Office (6)

No Update Planned

Database Sources

State/Tribal Tanks: SWRCB

Updated Semi-Annually

State/Tribal VCP: Department of Toxic Substances Control

Updated Quarterly

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other SWF: Environmental Health Division

Updated Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: California Environmental Protection Agency

No Update Planned

Local Land Records: Department of Toxic Substances Control

Updated Semi-Annually

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 2115 AMANDA LANE
ESCONDIDO, CA 92029

JOB: E6539-SC

Street Name	Dist/Dir	Street Name	Dist/Dir
Amanda Ln	0.10 SSE		
Blackhawk Gln	0.10 NNE		
Blossom Hill Ln	0.22 SSE		
Calle Catalina	0.19 SSW		
Candlelight Gln	0.13 NNE		
Condor Gln	0.15 North		
Crescent Knolls Gln	0.24 WSW		
Driveway	0.21 SE		
Eagle Gln	0.20 NNE		
Easter Pl	0.20 NNW		
Eucalyptus Ave	0.19 ESE		
Falcon Gln	0.22 ENE		
Gamble Ln	0.19 SSW		
Golden Crest Dr	0.11 ESE		
Greenwood Pl	0.12 WNW		
Lorry Ln	0.16 WNW		
Owl Gln	0.23 North		
Partridge Gln	0.21 North		
Public Rd	0.06 NNE		
Scenic Dr	0.15 NW		
Scenic Trail Way	0.24 WSW		
Sonrisa Gln	0.20 South		
W Citracado Pkwy	0.16 SW		

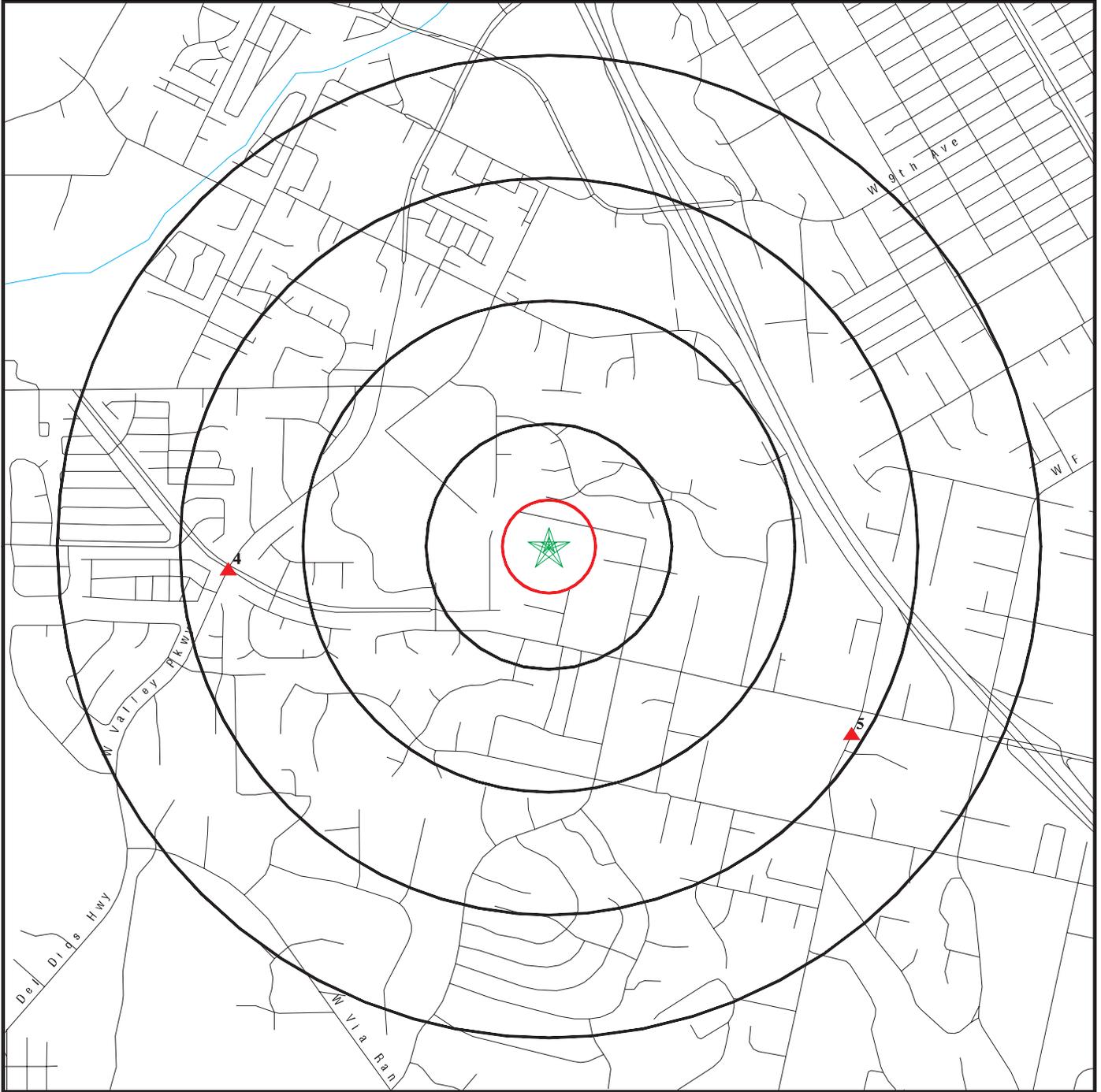
Environmental FirstSearch

1.000 Mile Radius

ASTM MAP: NPL, RCACOR, STATES Sites



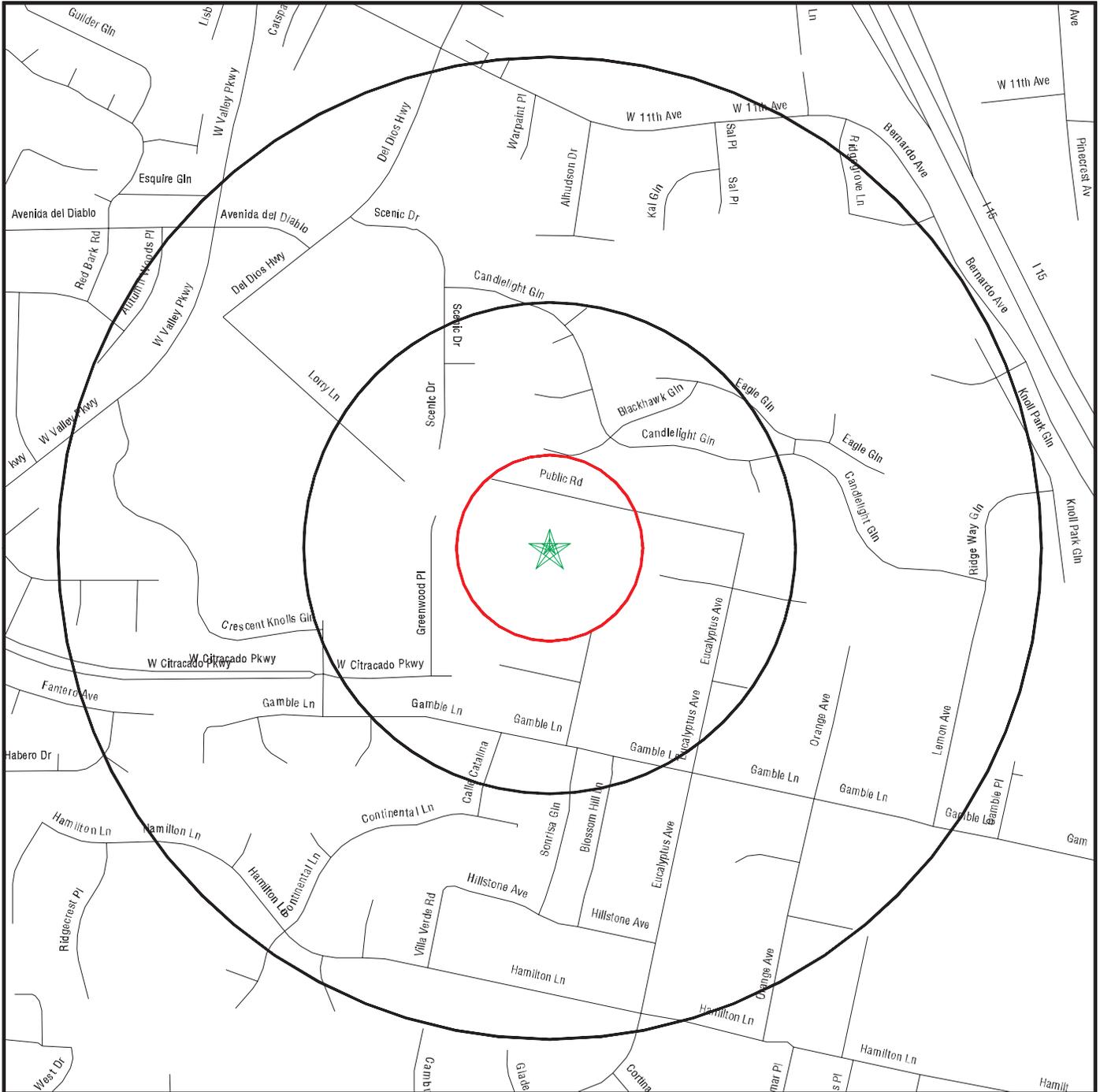
2115 AMANDA LANE ESCONDIDO, CA 92029



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 33.0984 Longitude: 117.0995)
- ▲ Identified Sites
- ▨ Indian Reservations BIA
- ▧ National Priority List Sites

2115 AMANDA LANE ESCONDIDO, CA 92029



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 33.0984 Longitude: 117.0995)
- ▲ Identified Sites
- ▭ Indian Reservations BIA
- ▭ National Priority List Sites

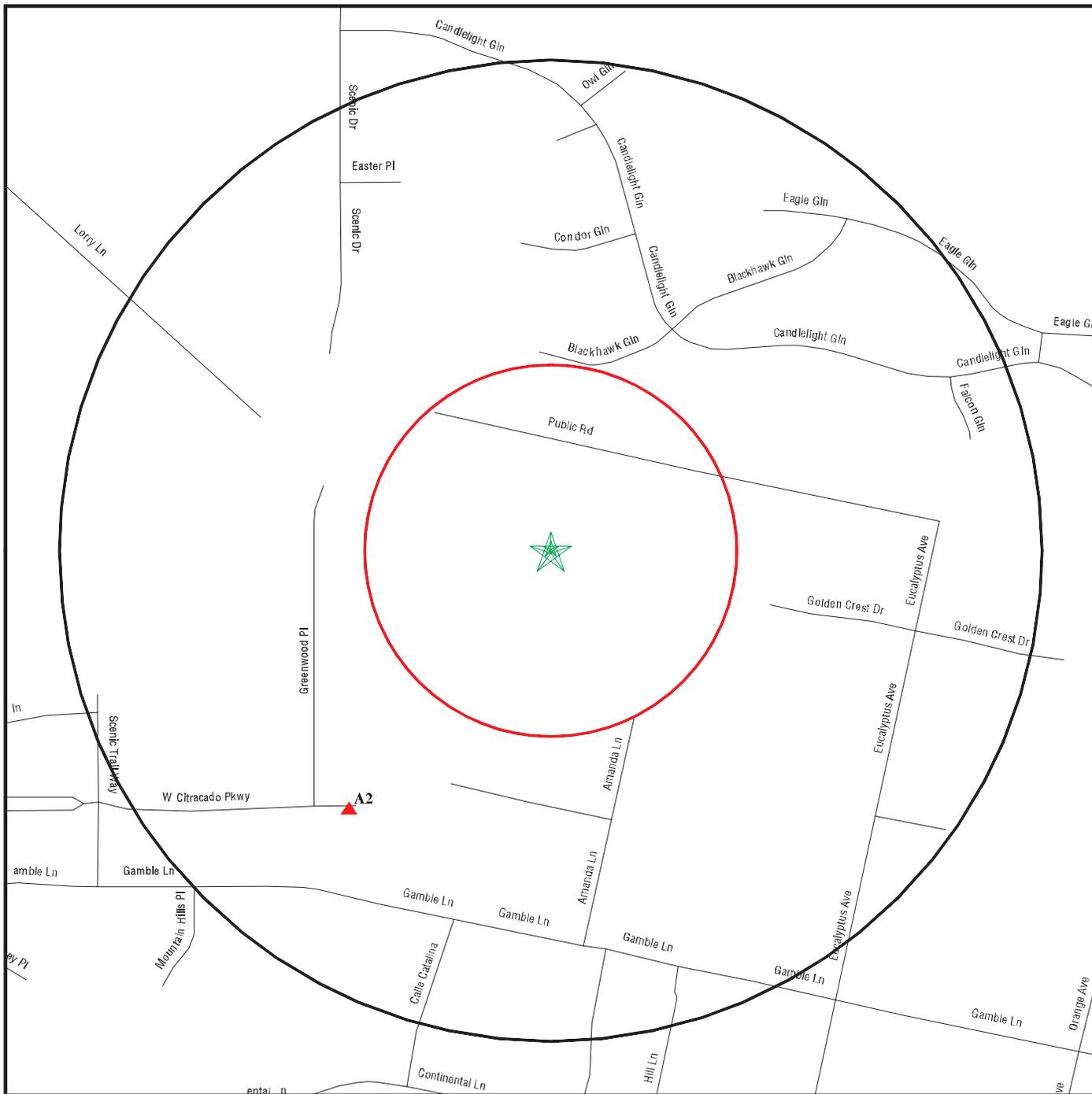
Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



2115 AMANDA LANE ESCONDIDO, CA 92029



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

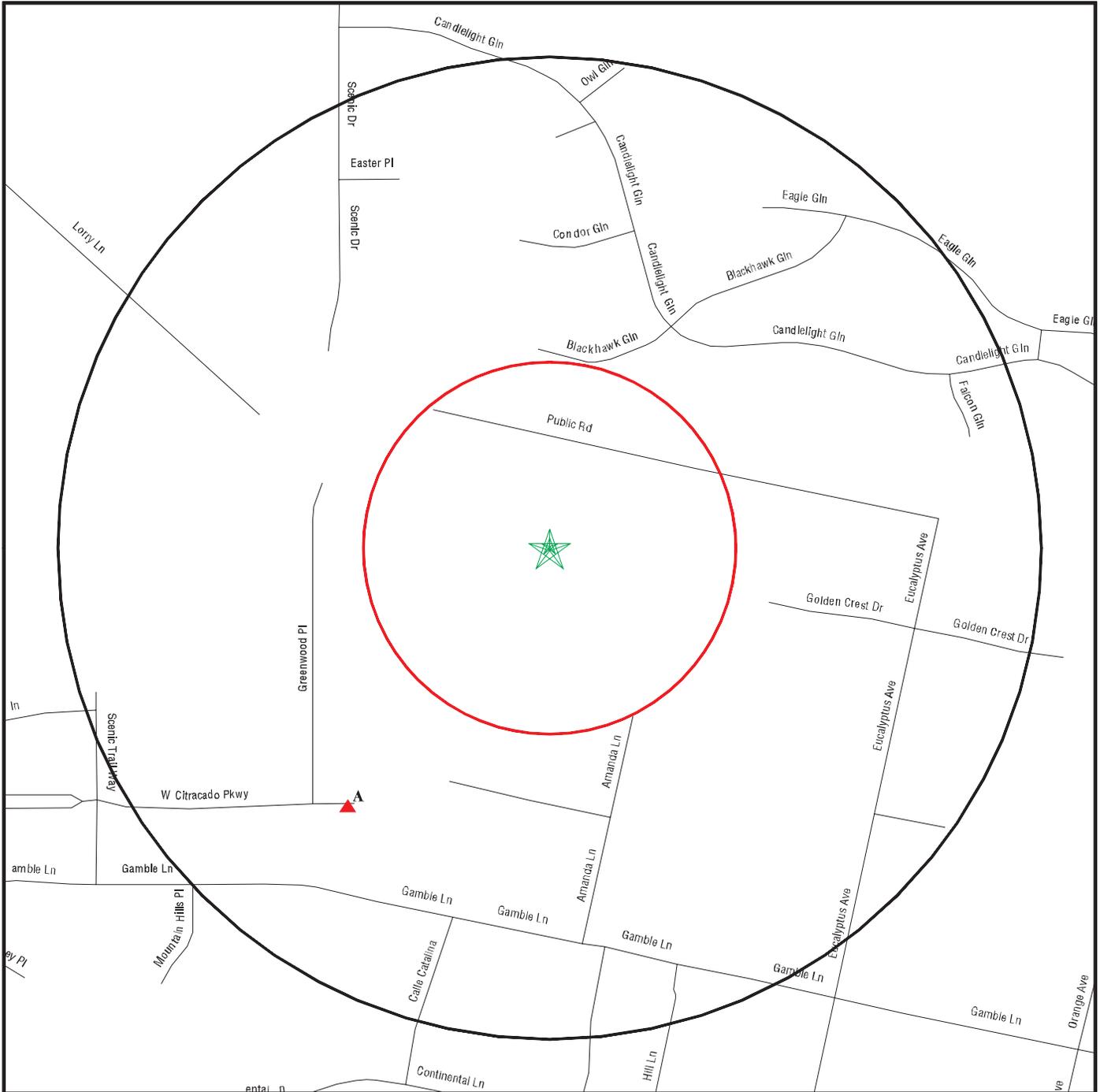
- ★ Target Property (Latitude: 33.0984 Longitude: 117.0995)
- ▲ Identified Sites
- Indian Reservations BIA
- National Priority List Sites

Environmental FirstSearch

0.25 Mile Radius
Non ASTM Map, Spills, FINDS



2115 AMANDA LANE ESCONDIDO, CA 92029



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 33.0984 Longitude: 117.0995)
- ▲ Identified Sites
- 🏠 Sensitive Receptors
- 🚧 National Priority List Sites
- 🏠 Indian Reservations BIA

APPENDIX E

**PUBLIC RECORDS REQUEST FOR
SITE ASSESSMENT AND MITIGATION (SAM)
PROGRAM AND HAZARDOUS DIVISION (HMD)**

Subject: Records Request

From: Ryan Boehmer <rboehmer@geosoilsinc.com>

Date: 4/12/2013 9:03 AM

To: "DEH, Public Records" <PublicRecords.DEH@sdcounty.ca.gov>

Please find the attached public records request.

Best Regards,

Ryan Boehmer
GeoSoils, Inc.

— Attachments: —

E6539.deh records request.pdf

145 KB

Subject: Public records

From: "Ellman, Joyce" <Joyce.Ellman@sdcounty.ca.gov>

Date: 4/18/2013 4:23 PM

To: "'rboehmer@geosoilsinc.com'" <rboehmer@geosoilsinc.com>

Hi

No records were found for the attach request/s

Joyce Ellman

Office Support Specialist

San Diego County-DEH

5500 Overland Av #170

858 505-6921-office

858 505-6848 or 6891

joyce.ellman@sdcounty.ca.gov

—Attachments:—

ryan_001.pdf

193 KB

4/12



OFFICE USE ONLY
Request # 4-132

County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6700 FAX (858) 505-6848
www.sdcdeh.org

ELIZABETH POZZEON
ASSISTANT DIRECTOR

PUBLIC RECORDS REQUEST FOR THE SITE ASSESSMENT AND MITIGATION (SAM) PROGRAM AND HAZARDOUS MATERIALS DIVISION (HMD)

Requestor Name: RYAN BOEHMER E-Mail: rboehmer@geosoilsinc.com
 Phone: (760) 438-3155 FAX: (760) 931-0915
 Company Name: GEOSOILS, INC.
 Mailing Address: 5741 PALMER WAY CARLSBAD, CA 92010
(You may attach a business card/overprint with business card if preferred)

Additional information may be accessed from the DEH website, www.sdcdeh.org. Fax or email your completed form to the Public Records Program at (858) 505-6848 or deh.publicrecords@sdcounty.ca.gov. The following information is required. Separate forms are needed for each address or parcel number.

2115 AMANDA LANE ESCONZEDO CA 92029

or 235-202-35-00

Exact Address (Street, City and Zip Code)

Assessor's Parcel Number

Optional information (establishment permit number, business name, etc.):

Please indicate the purpose of your search by checking all that apply:

- Contaminated Property Investigation(s) (SAM Cases)
 SAM Closure Letter/Report
 Hazardous Materials Permit & Underground Storage Tank Files (HMD/UST)
 Other: _____
(specify)

- Monitoring Well Files (select conditions that apply)
 Government agency request
 Consultant with related case
 Written authorization from owner (attach letter)

OFFICE USE ONLY BELOW THIS LINE

Files reviewed by: _____ of _____ Date: / /
 Files copied for: _____ of _____ Date: / /
 Request cancelled by: _____ Date: / /
 Photocopies _____ Cost _____ Picked up/mailed on _____ By _____

A search for DEH records checked above has been conducted and the following apply:

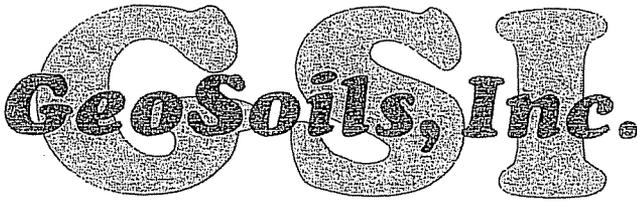
- SAM files for the permit number(s) listed below are available.
 # _____ # _____ # _____ # _____ # _____
 HMD/UST files for the permit number(s) listed below are available.
 # _____ # _____ # _____ # _____ # _____
 Original records were purged. Database-only records are available (at: http://sdcounty.ca.gov/deh/doing_business/hazmat_search.html) for the following permit number(s):
 # _____ # _____ # _____ # _____ # _____
 No SAM/HMD/UST records were found for the address/APN you requested.

Signature - DEH Representative

4/18/13

Date

DEH complies fully with the California Public Records Act and the Federal Freedom of Information Act. Please be advised that photocopy and/or scanned file fees may apply.



Geotechnical • Geologic • Environmental

5741 Palmer Way • Carlsbad, California 92008 • (760)438-3155 • FAX(760)931-0915

FAX TRANSMITTAL

DATE: 4-12-13

W.O.: E6539-5C

TO: SAN DIEGO AIR POLLUTION CONTROL DISTRICT

ATTN: _____

FAX NO.: (858) 586-2601

FROM: RYAN BOEHMEL

SUBJECT: PUBLIC RECORDS REQUEST, 2115 AMANDA LANE, ESCONDEDO, CA
92029

NUMBER OF PAGES INCLUDING COVER SHEET : 2

THIS IS TRANSMITTED:			
<input type="checkbox"/>	PER YOUR REQUEST	<input checked="" type="checkbox"/>	PLEASE REVIEW AND RESPOND
<input type="checkbox"/>	FOR YOUR INFORMATION	<input type="checkbox"/>	URGENT
<input type="checkbox"/>	FOR YOUR FILES	<input type="checkbox"/>	HARD COPY TO FOLLOW

COMMENTS: _____

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

REQUEST FOR PUBLIC RECORDS

Date: APRIL 12, 2013
Name: RYAN BOEHMER
Agency: GEOSOLS, INC.
Address: 5741 PALMER WAY
City: CARLSBAD State: CA Zip: 92010
Phone: (760) 438-3155 Fax: (760) 931-0915

I request to inspect the following Public Records (please be specific): 2115 AMANDA LANE, ESCONDIDO, CA 92029 APN 235-202-35-00

INSPECTION OF PUBLIC RECORDS

The district shall make a determination if the records requested are available with the exception of those records specifically exempted from disclosure by state law and those records labeled as "TRADE SECRET" which are not emission data, within ten (10) days of the date of the receipt of the request. If, for good cause, the determination cannot be made within the ten (10) working days, the District will notify the requesting person the reasons for the delay and when the determination is expected to be made within an additional 14 days, as prescribed by law. Those records labeled as "TRADE SECRETS" shall be governed by the procedure set forth in District Rule 177 Section (g).

If you have any questions, please contact Public Records at (858) 586-2618.

Mail or fax completed form to:

San Diego APCD
Public Records
10124 Old Grove Road
San Diego, CA 92131

Phone: (858) 586-2600

Fax No.: (858) 586-2601

Subject: Public Records Request, 2115 Amanda Lane, Excondido, CA

From: Ryan Boehmer <rboehmer@geosoilsinc.com>

Date: 4/12/2013 11:26 AM

To: wells@rb9.swrcb.ca.gov

Good morning Ms. Wellnitz-

Please find the attached public records request form. If you require any additional information, please do not hesitate to contact me.

Best Regards,

Ryan Boehmer
GeoSoils, Inc.

—Attachments:—

E6539.crwqcb public records request.pdf

307 KB



California Regional Water Quality Control Board
San Diego Region
PUBLIC RECORDS ACCESS REQUEST FORM



1. Requestor Information

Requester Name: <u>RYAN BOEHMER</u>			
Organization: <u>GEOSOILS, INC.</u>			
Address: <u>5741 PALMER WAY</u>			
City: <u>CARLSBAD</u>	State: <u>CA</u>	Zipcode: <u>92010</u>	E-Mail Address: <u>rboehmer@geosoilsinc.com</u>
Daytime Phone: <u>760-438-3155</u>	Cell Phone: <u>760-801-7075</u>	Fax: <u>760-931-0915</u>	

2. Request For Appointment to Inspect Regional Board Records

Date of Request (The date you submitted this form to the Regional Board) <u>April 12, 2013</u>	Day and Appointment Time for Record Review (optional - You may specify the day of the week and appointment time that works best for you)	Select a day here Preferred day of the week	Select a time here Preferred Time
For Regional Board Office Use Only			
Request Form Received by: Phone <input type="checkbox"/> Mail <input type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/> Walk-In <input type="checkbox"/>			
Date Form Received _____ RWQCB Staff Initials: _____	Date Requester Contacted: _____ RWQCB Staff Initials: _____	Date / Time of Appointment: _____ RWQCB Staff Initials: _____	
Date Copies Requested _____ RWQCB Staff Initials: _____	Copy Fee : _____ Check #: _____ RWQCB Staff Initials: _____	Date Copies Mailed: _____ RWQCB Staff Initials: _____	

3. Description of Public Records Requested

Record 1

Agency/ Owner Name (if known):		Facility Name (if Known)	
Facility Address (if known): <u>2115 AMANDA LANE</u>			
City (if known): <u>ESCONDIDO</u>	State: <u>CA</u>	Zipcode (if known): <u>92029</u>	
Public Record Subject (if known): <u>Landfills, Solid Waste Disposal Sites</u>			
Time Period (if known): Please specify either: "Most current volume of record" or what portion of record in terms of approximate start date (month/year) and approximate end date (month/year) you are interested in. Most current volume of record: <input checked="" type="checkbox"/> or Start Date (mm/yyyy): _____ and End Date (mm/yyyy): _____			
Additional Information: If a particular document is required, it should be identified precisely, preferably by date and title. If you cannot identify a specific record clearly explain your needs:			
For Regional Board Office Use Only	Records Located: <input type="checkbox"/>	File Records Not Located: <input type="checkbox"/>	Records Exempt From Public Review: <input type="checkbox"/>

Record 2

Agency/ Owner Name (if known):		Facility Name (if Known)	
Address (if known): <u>2115 AMANDA LANE</u>			
City (if known): <u>ESCONDIDO</u>	State: <u>CA</u>	Zipcode (if known): <u>92029</u>	
File Record Subject (if known): Agriculture, Dairies, Nurseries Etc.			
Time Period (if known): <i>Please specify either "Most current volume of record" or what portion of record in terms of approximate start date (month/year) and approximate end date (month/year) you are interested in.</i> Most current volume of record: <input checked="" type="checkbox"/> or Start Date (mm/yyyy): _____ and End Date (mm/yyyy): _____			
<i>If a particular document is required, it should be identified precisely, preferably by date and title. If you cannot identify a specific record clearly explain your needs:</i>			
For Regional Board Office Use Only	Records Located: <input type="checkbox"/>	File Records Not Located: <input type="checkbox"/>	Records Exempt From Public Review: <input type="checkbox"/>

Record 3

Agency/ Owner Name (if known):		Facility Name (if Known)	
Address (if known): <u>2115 AMANDA LANE</u>			
City (if known): <u>ESCONDIDO</u>	State: <u>CA</u>	Zipcode (if known): <u>92029</u>	
File Record Subject (if known): Underground Storage Tanks			
Time Period (if known): <i>Please specify either "Most current volume of record" or what portion of record in terms of approximate start date (month/year) and approximate end date (month/year) you are interested in.</i> Most current volume of record: <input checked="" type="checkbox"/> or Start Date (mm/yyyy): _____ and End Date (mm/yyyy): _____			
<i>If a particular document is required, it should be identified precisely, preferably by date and title. If you cannot identify a specific record clearly explain your needs:</i>			
For Regional Board Office Use Only	Records Located: <input type="checkbox"/>	File Records Not Located: <input type="checkbox"/>	Records Exempt From Public Review: <input type="checkbox"/>

Record 4

Agency/ Owner Name (if known):		Facility Name (if Known)	
Address (if known): 2115 AMANDA LANE			
City (if known): ESCONDIDO	State: CA	Zipcode (if known): 92029	
File Record Subject (if known): Spills, Leaks, Investigations and Cleanups (SLIC)			
Time Period (if known): Please specify either "Most current volume of record" or what portion of record in terms of approximate start date (month/year) and approximate end date (month/year) you are interested in. Most current volume of record: <input checked="" type="checkbox"/> or Start Date (mm/yyyy): _____ and End Date (mm/yyyy): _____			
If a particular document is required, it should be identified precisely, preferably by date and title. If you cannot identify a specific record clearly explain your needs:			
For Regional Board Office Use Only	Records Located: <input type="checkbox"/>	File Records Not Located: <input type="checkbox"/>	Records Exempt From Public Review: <input type="checkbox"/>

Record 5

Agency/ Owner Name (if known):		Facility Name (if Known)	
Address (if known):			
City (if known):	State:	Zipcode (if known):	
File Record Subject (if known): Select a subject from list here			
Time Period (if known): Please specify either "Most current volume of record" or what portion of record in terms of approximate start date (month/year) and approximate end date (month/year) you are interested in. Most current volume of record: <input type="checkbox"/> or Start Date (mm/yyyy): _____ and End Date (mm/yyyy): _____			
If a particular document is required, it should be identified precisely, preferably by date and title. If you cannot identify a specific record clearly explain your needs:			
For Regional Board Office Use Only	Records Located: <input type="checkbox"/>	File Records Not Located: <input type="checkbox"/>	Records Exempt From Public Review: <input type="checkbox"/>

Subject: Mayhew/Escondido/Burn Site (L10009868227)
From: John Franklin <jfranklin@geosoilsinc.com>
Date: 3/21/2013 4:45 PM
To: ctamaki@waterboards.ca.gov
BCC: Jason Han <jasonh@nuwi.com>, Blake Bitterlin <Blakeb@nuwi.com>

Ms. Tamaki,

Does the RWQCB have any information available as to the extent of the area of concern on this site (CASE #: 9 000471N02), located in the 1600 Block of Greenwood Place, Escondido? I have checked on Geotracker and it is listed as: Open - Inactive, since 2/2/2002.

Thank you,

--

John P. Franklin
President

GeoSoils, Inc.

5741 Palmer Way
Carlsbad, California 92010
T: (760) 438-3155
F: (760) 931-0915 fax
www.geosoilsinc.com

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P Please consider the environment before printing this e-mail

APPENDIX F

ASTM TRANSACTION QUESTIONNAIRES



ENVIRONMENTAL SITE ASSESSMENT TRANSACTION SCREEN QUESTIONNAIRE

This document is an excerpt of Practice E1528-06: Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E50 on Environmental Assessment as is the direct responsibility of Subcommittee E50.02 on Commercial Real Estate Transactions. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. COPYRIGHT © 2006 ASTM INTERNATIONAL, West Conshohocken, PA. Prior edition copyrighted 2000. Stock # ADJE152806. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer service at (610) 832-9585.

5. Introduction to Transaction Screen Questionnaire

5.1 Process—The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of *owners* and *occupants* of the *property*, observing site conditions at the *property* with direction provided by the *transaction screen questionnaire*, and, to the extent *reasonably ascertainable*, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of *owners* are the same questions as those asked of *occupants*.

5.2 Guide—The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7-10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the *user*, its employee or agent, or the preparer in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for *owner/occupant* inquiry and the guide to *site visit*. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior *transaction screen* is appropriate under this practice.

5.2.3 A *user*, his employee or agent, or preparer conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The *user* may either conduct the *transaction screen process*, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the *user*. No matter who prepares the questionnaire, the *user* remains responsible for the decision to conduct limited environmental *due diligence* and the impact of that decision on risk management.

5.4 The preparer conducting the *transaction screen process* should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The *user* should take time and care to check whatever records are in the *user's* possession and forward relevant information or specialized knowledge to the preparer.

5.5 Knowledge—All answers should be given to the best of the *owner's* or *occupant's* knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the *transaction screen* has an obligation to ask the questions in the *transaction screen questionnaire*, others may have no obligation to answer them.

5.5.2 The *transaction screen questionnaire* and the *transaction screen guide* sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 Conclusions Regarding Affirmative or Unknown Answers—Once a *transaction screen questionnaire* has been completed, it shall be presented to the *user*. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a *potential environmental concern*. If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the preparer must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the *user* should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the site visit and the government records/historical sources inquiry. If the *user* decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the *user* must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the *user* should first refer to the guide. The guide may provide sufficient explanation to allow a *user* to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a *user* to conclude that no further inquiry is appropriate, then the *user* should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a *site visit*, a person may find a storage tank on the *property* and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the *owner/occupant* inquiry, the *owner* may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a *user* to conclude no further inquiry is appropriate with respect to such question, then the *user* must determine, in the exercise of the *user's* reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 Presumption—A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the *user* should evaluate information obtained from each component of the *transaction screen process* and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The *user* must determine, in the exercise of the *user's* reasonable business judgment, the scope of such further inquiry.

5.8 Further Inquiry—Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environment Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 Signature—The *user* and the preparer of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*-The following questions should be asked of (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10 % of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the property. A major occupant is any occupant using at least 40 % of the leasable area of the property or any anchor tenant when the property is a

shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide to this transaction screen questionnaire (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)
NOTE 2-Unk = "unknown" or "no response."

Description of Site Address:

APN 235-202-35-00, 2115 AMANDA LANE, ESCONDIDO,
CALIFORNIA 92027

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
	Yes	No	Unk	Yes	No	Unk	Yes	No	
1a. Is the property used for an industrial use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
1b. Is any adjoining property used for an industrial use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

THE MAYHEW DUMP OCCURRED WITHIN PORTIONS OF ADJACENT, WESTEALY PROPERTY (COUNTY TRACT B17)

2 EMPTY 55-GALLON DRUMS ARE LOCATED NEAR THE SW PROPERTY CORNER NO SOIL STAINING READILY VISIBLE AROUND DRUMS. SEE 6A

*Unk = "unknown" or "no response"
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Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	SANITARY SEWERAGE IS DESPOSED INTO AN ON-SITE WASTE WATER TREATMENT SYSTEM SEE 7b
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input checked="" type="radio"/>	No <input type="radio"/>	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):	Approximate Minimum Search Distance, miles (kilometres)	Yes	No
Federal NPL site	1.0	<input type="radio"/>	<input checked="" type="radio"/>
Federal Delisted NPL site	0.5	<input type="radio"/>	<input checked="" type="radio"/>
Federal CERCLIS	0.5	<input type="radio"/>	<input checked="" type="radio"/>
Federal CERCLIS NFRAP site	0.5	<input type="radio"/>	<input checked="" type="radio"/>
Federal RCRA CORRACTS facilities	1.0	<input type="radio"/>	<input checked="" type="radio"/>
Federal RCRA non-CORRACTS ISD	0.5	<input type="radio"/>	<input checked="" type="radio"/>
Federal RCRA generators	property and adjoining properties	<input type="radio"/>	<input checked="" type="radio"/>
Federal institutional control/engineering control registries	property only		
Federal ERNS	property only	<input type="radio"/>	<input checked="" type="radio"/>
State and tribal lists of hazardous waste sites identified for investigation or remediation:			
State-and tribal-equivalent NPL	1.0	<input checked="" type="radio"/>	No <input type="radio"/>
State-and tribal-equivalent	0.5	<input type="radio"/>	No <input checked="" type="radio"/>
State-and tribal-landfill and/or solid waste disposal site lists	0.5	<input checked="" type="radio"/>	No <input type="radio"/>
State-and tribal-leaking storage tank lists	0.5	<input checked="" type="radio"/>	No <input type="radio"/>
State and tribal registered storage tank lists	property and adjoining properties	<input type="radio"/>	No <input checked="" type="radio"/>
State and tribal institutional control/engineering control registries	property only	<input type="radio"/>	No <input checked="" type="radio"/>
State and tribal voluntary cleanup sites	0.5	<input type="radio"/>	No <input checked="" type="radio"/>
State and tribal Brownfield sites	0.5	<input type="radio"/>	No <input checked="" type="radio"/>
22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?		Yes <input type="radio"/>	No <input checked="" type="radio"/>
		Unavailable <input type="radio"/>	SEE REPORT

Result _____

The Owner questionnaire answers were provided by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

The Occupant questionnaire answers were provided by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

The Site Visit questionnaire was completed by:

Name RYAN BOENMEL
Title GEOLOGIST
Firm GEO SOELS, INC.
Address 5741 PALMER WAY
CARLSBAD, CA 92010
Phone Number (760) 438-3155
Date 4-25-13
Role (s) at the site N/A - CONSULTANT
Number of years at the site N/A
Relationship to use (e.g. principal, employee, agent, consultant) CONSULTANT

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name RYAN BOENMEL
Title GEOLOGIST
Firm GEO SOELS, INC.
Address 5741 PALMER WAY
CARLSBAD, CA 92010
Phone Number (760) 438-3155
Date 4-25-13
Role (s) at the site N/A - CONSULTANT
Number of years at the site N/A
Relationship to use (e.g. principal, employee, agent, consultant) CONSULTANT

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)

If the preparer (s) is different from the user, complete the following:

Name of User _____
User's Address _____
User's Phone Number _____

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

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

Signature: [Signature]
Date: 4-25-13
Signature: _____
Date: _____
Signature: _____
Date: _____

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ENVIRONMENTAL SITE ASSESSMENT TRANSACTION SCREEN QUESTIONNAIRE

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5.2 *Guide*—The transaction screen questionnaire is followed by a guide designed to assist the person completing the transaction screen questionnaire. The guide to the transaction screen questionnaire is set out in Sections 7-10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the user, its employee or agent, or the preparer in preparing a report, the guide repeats each of the questions set out in the transaction screen questionnaire in both the guide for owner/occupant inquiry and the guide to site visit. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior transaction screen is appropriate under this practice.

5.2.3 A user, his employee or agent, or preparer conducting the transaction screen process should not use the transaction screen questionnaire without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The user may either conduct the transaction screen process, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the user. No matter who prepares the questionnaire, the user remains responsible for the decision to conduct limited environmental due diligence and the impact of that decision on risk management.

5.4 The preparer conducting the transaction screen process should use good faith efforts in determining answers to the questions set forth in the transaction screen questionnaire. The user should take time and care to check whatever records are in the user's possession and forward relevant information or specialized knowledge to the preparer.

5.5 *Knowledge*—All answers should be given to the best of the owner's or occupant's knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the transaction screen has an obligation to ask the questions in the transaction screen questionnaire, others may have no obligation to answer them.

5.5.2 The transaction screen questionnaire and the transaction screen guide sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 *Conclusions Regarding Affirmative or Unknown Answers*—Once a transaction screen questionnaire has been completed, it shall be presented to the user. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a potential environmental concern. If any of the questions set forth in the transaction screen questionnaire are answered in the affirmative, the preparer must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the user should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the transaction screen process, including, in particular, the site visit and the government records/historical sources inquiry. If the user decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the user must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the user should first refer to the guide. The guide may provide sufficient explanation to allow a user to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the transaction screen process relating to this question. For example, while on the site performing a site visit, a person may find a storage tank on the property and therefore answer Question 10 of the transaction screen questionnaire in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the transaction screen process does not permit a user to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the user's reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the transaction screen process, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 *Presumption*—A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the user should evaluate information obtained from each component of the transaction screen process and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The user must determine, in the exercise of the user's reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry*—Upon completing the transaction screen questionnaire, if the user concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the user should proceed with such inquiry. (Note that if the user determines to proceed with a Phase I Environment Site Assessment, the user may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 *Signature*—The user and the preparer of the transaction screen questionnaire must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*-The following questions should be asked of (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10 % of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances or petroleum products on or from the property. A major occupant is any occupant using at least 40 % of the leasable area of the property or any anchor tenant when the property is a

shopping center. In a multifamily property containing both residential and commercial uses, the preparer does not need to ask questions of the residential occupants. The preparer should ask each person to answer all questions to the best of the respondent's actual knowledge and in good faith. When completing the site visit column, the preparer should be sure to observe the property and any buildings and other structures on the property. The guide to this transaction screen questionnaire (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)
NOTE 2-Unk = "unknown" or "no response"

Description of Site Address:

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
	Yes	No	Unk	Yes	No	Unk	Yes	No	
1a Is the property used for an industrial use?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1b Is any adjoining property used for an industrial use?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2a Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2b Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3a Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3b Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4a Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	I was told by a neighbor that trash was burned long ago on the property to the west of the subject. And Jason from NUWI saw the same thing.
4b Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5a Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5b Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6a Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6b Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7a Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

*Unk = "unknown" or "no response"
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This document is an excerpt of E 1528-06, Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASIM Committee E50 on Environmental Assessments and is the direct responsibility of Subcommittee E50.02 on Commercial Real Estate Transactions. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer Service at (610) 832-9585.

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
9a. Is there currently any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environment health agency?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes <input checked="" type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	house has a septic system.
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):	Approximate Minimum Search Distance, miles (kilometres)	Yes <input type="radio"/>	No <input type="radio"/>	
Federal NPL site	1.0	Yes <input type="radio"/>	No <input type="radio"/>	
Federal Delisted NPL site	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
Federal CERCLIS	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
Federal CERCLIS NFRAP site	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
Federal RCRA CORRACTS facilities	1.0	Yes <input type="radio"/>	No <input type="radio"/>	
Federal RCRA non-CORRACTS ISD	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
Federal RCRA generators	property and adjoining properties	Yes <input type="radio"/>	No <input type="radio"/>	
Federal institutional control/engineering control registries	property only			
Federal ERNS	property only	Yes <input type="radio"/>	No <input type="radio"/>	
State and tribal lists of hazardous waste sites identified for investigation or remediation:				
State-and tribal-equivalent NPL	1.0	Yes <input type="radio"/>	No <input type="radio"/>	
State-and tribal-equivalent	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
State-and tribal-landfill and/or solid waste disposal site lists	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
State-and tribal-leaking storage tank lists	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
State and tribal registered storage tank lists	property and adjoining properties	Yes <input type="radio"/>	No <input type="radio"/>	
State and tribal institutional control/engineering control registries	property only	Yes <input type="radio"/>	No <input type="radio"/>	
State and tribal voluntary cleanup sites	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
State and tribal Brownfield sites	0.5	Yes <input type="radio"/>	No <input type="radio"/>	
22. Based upon a review of fire insurance maps (10 2 3) or local street directories (10 2 3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?		Yes <input type="radio"/>	No <input type="radio"/>	Unavailable <input type="radio"/>

Result

The Owner questionnaire answers were provided was completed by:

Name 2115 ANANDA LLC, by
Title Coil Mittenberger, manager
Firm _____
Address 3660 Merced Drive
Oceanside CA 92056
Phone Number 760-579-6145
Date 4/1/13
Role (s) at the site owner
Number of years at the site 1.5
Relationship to use (e.g. principal, employee, agent, consultant) _____

The Occupant questionnaire answers were provided by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

The Site Visit questionnaire was completed by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name _____
Title _____
Firm _____
Address _____
Phone Number _____
Date _____
Role (s) at the site _____
Number of years at the site _____
Relationship to use (e.g. principal, employee, agent, consultant) _____

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)

If the preparer (s) is different from the user, complete the following:

Name of User _____
User's Address _____
User's Phone Number _____

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

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

Signature: [Signature] for 2115 ANANDA LLC
Date: 4/1/13
Signature: _____
Date: _____
Signature: _____
Date: _____

APPENDIX G

TEST PIT LOGS AND LABORATORY TEST RESULTS

UNIFIED SOIL CLASSIFICATION SYSTEM				CONSISTENCY OR RELATIVE DENSITY															
Major Divisions		Group Symbols	Typical Names	CRITERIA															
Coarse-Grained Soils More than 50% retained on No. 200 sieve	Gravels 50% or more of coarse fraction retained on No. 4 sieve	Clean Gravels	GW	Well-graded gravels and gravel-sand mixtures, little or no fines	<p align="center">Standard Penetration Test</p> <table border="1"> <tr> <td>Penetration Resistance N (blows/ft)</td> <td>Relative Density</td> </tr> <tr> <td>0 - 4</td> <td>Very loose</td> </tr> <tr> <td>4 - 10</td> <td>Loose</td> </tr> <tr> <td>10 - 30</td> <td>Medium</td> </tr> <tr> <td>30 - 50</td> <td>Dense</td> </tr> <tr> <td>> 50</td> <td>Very dense</td> </tr> </table>			Penetration Resistance N (blows/ft)	Relative Density	0 - 4	Very loose	4 - 10	Loose	10 - 30	Medium	30 - 50	Dense	> 50	Very dense
			Penetration Resistance N (blows/ft)	Relative Density															
		0 - 4	Very loose																
		4 - 10	Loose																
	10 - 30	Medium																	
	30 - 50	Dense																	
	> 50	Very dense																	
	GP	Poorly graded gravels and gravel-sand mixtures, little or no fines																	
	Gravel with	GM	Silty gravels gravel-sand-silt mixtures																
		GC	Clayey gravels, gravel-sand-clay mixtures																
Sands more than 50% of coarse fraction passes No. 4 sieve	Clean Sands	SW	Well-graded sands and gravelly sands, little or no fines																
		SP	Poorly graded sands and gravelly sands, little or no fines																
	Sands with Fines	SM	Silty sands, sand-silt mixtures																
		SC	Clayey sands, sand-clay mixtures																

Fine-Grained Soils 50% or more passes No. 200 sieve	Silts and Clays Liquid limit 50% or less	ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands	<p align="center">Standard Penetration Test</p> <table border="1"> <tr> <td>Penetration Resistance N (blows/ft)</td> <td>Consistency</td> <td>Unconfined Compressive Strength (tons/ft²)</td> </tr> <tr> <td><2</td> <td>Very Soft</td> <td><0.25</td> </tr> <tr> <td>2 - 4</td> <td>Soft</td> <td>0.25 - .050</td> </tr> <tr> <td>4 - 8</td> <td>Medium</td> <td>0.50 - 1.00</td> </tr> <tr> <td>8 - 15</td> <td>Stiff</td> <td>1.00 - 2.00</td> </tr> <tr> <td>15 - 30</td> <td>Very Stiff</td> <td>2.00 - 4.00</td> </tr> <tr> <td>>30</td> <td>Hard</td> <td>>4.00</td> </tr> </table>			Penetration Resistance N (blows/ft)	Consistency	Unconfined Compressive Strength (tons/ft ²)	<2	Very Soft	<0.25	2 - 4	Soft	0.25 - .050	4 - 8	Medium	0.50 - 1.00	8 - 15	Stiff	1.00 - 2.00	15 - 30	Very Stiff	2.00 - 4.00	>30	Hard	>4.00
Penetration Resistance N (blows/ft)	Consistency	Unconfined Compressive Strength (tons/ft ²)																									
<2	Very Soft	<0.25																									
2 - 4	Soft	0.25 - .050																									
4 - 8	Medium	0.50 - 1.00																									
8 - 15	Stiff	1.00 - 2.00																									
15 - 30	Very Stiff	2.00 - 4.00																									
>30	Hard	>4.00																									
Sands	Sands	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays																								
		OL	Organic silts and organic silty clays of low plasticity																								
	Sands	MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts																								
		CH	Inorganic clays of high plasticity, fat clays																								
Sands	OH	Organic clays of medium to high plasticity																									

Highly Organic Soils	PT	Peat, mucic, and other highly organic soils
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	3"	3/4"	#4	#10	#40	#200 U.S. Standard Sieve
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Unified Soil Classification	Cobbles	Gravel		Sand			Silt or Clay
		coarse	fine	coarse	medium	fine	

MOISTURE CONDITIONS		MATERIAL QUANTITY		OTHER SYMBOLS	
Dry	Absence of moisture: dusty, dry to the touch	trace	0 - 5 %	C	Core Sample
Slightly Moist	Below optimum moisture content for compaction	few	5 - 10 %	S	SPT Sample
Moist	Near optimum moisture content	little	10 - 25 %	B	Bulk Sample
Very Moist	Above optimum moisture content	some	25 - 45 %	—	Groundwater
Wet	Visible free water; below water table			Qp	Pocket Penetrometer

BASIC LOG FORMAT:
Group name, Group symbol, (grain size), color, moisture, consistency or relative density. Additional comments: odor, presence of roots, mica, gypsum, coarse grained particles, etc.

EXAMPLE:
Sand (SP), fine to medium grained, brown, moist, loose, trace silt, little fine gravel, few cobbles up to 4" in size, some hair roots and rootlets.



W.O. E6539-SC
 New Urban West, Inc.
 2115 Amanda Lane, Escondido
 Logged By: RB
 April 3, 2013

LOG OF ENVIRONMENTAL TEST PITS

TEST PIT NO.	DEPTH (ft.)	GROUP SYMBOL	SAMPLE DEPTH (ft.)	DESCRIPTION
L-2	0-1½	SM	Enviro Sample @ 1½	UNDOCUMENTED ARTIFICIAL FILL: SILTY SAND, dark grayish brown, damp, loose; abundant trash (small metal fragments, glass bottles, broken glass, plastic sheeting, plastic pipe, and aluminum cans).
	1½-2½	SM	Enviro Sample @ 2¼	QUATERNARY COLLUVIUM/ALLUVIUM (UNDIFFERENTIATED): SILTY SAND, brown and dark gray, moist, medium dense; trace roots.
	2½-3	SM		CRETACEOUS PLUTONIC BEDROCK: TONALITE, dark gray and brownish gray, damp, very dense; breaks to SILTY SAND upon excavation.
				Practical Refusal @ 3' Total Depth = 3' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-7	0-½	SM	8 oz. Jar @ 0	UNDOCUMENTED ARTIFICIAL FILL: SILTY SAND, dark brownish gray, dry, loose; abundant trash (broken glass, Comet container lids, and small metal fragments).
	½-2	SM	8 oz. Jar @ ½ 8 oz Jar @ 1½	QUATERNARY COLLUVIUM/ALLUVIUM (UNDIFFERENTIATED): SILTY SAND, brown and dark gray, damp, medium dense; porous.
	2-2½		8 oz Jar @ 2¼	CRETACEOUS PLUTONIC BEDROCK: TONALITE, dark gray, damp, very dense.
				Practical Refusal @ 2½' Total Depth = 2½' No Groundwater/Caving Encountered Backfilled 4-3-2013



W.O. E6539-SC
 New Urban West, Inc.
 2115 Amanda Lane, Escondido
 Logged By: RB
 April 3, 2013

LOG OF ENVIRONMENTAL TEST PITS

TEST PIT NO.	DEPTH (ft.)	GROUP SYMBOL	SAMPLE DEPTH (ft.)	DESCRIPTION
L-8	0-1/2	SM	8 oz Jar @ 0	COLLUVIUM/UNDOCUMENTED ARTIFICIAL FILL (UNDIFFERENTIATED): SILTY SAND, dark gray, dry, loose; trace trash (broken glass, etc.).
	1/2-1	SM	8 oz Jar @ 1/2	QUATERNARY COLLUVIUM: SILTY SAND, brown, damp, medium dense; porous.
	1			CRETACEOUS PLUTONIC BEDROCK: TONALITE, gray, dry, very dense.
				Practical Refusal @ 1' Total Depth = 1' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-9	0-1 3/4	SM	8 oz Jar @ 0 8 oz Jar @ 1	QUATERNARY COLLUVIUM: SILTY SAND, brown, dry becoming damp with depth, medium dense; porous.
				Practical Refusal @ 1 3/4' Total Depth = 1 3/4' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-10	0-2 3/4	SM	8 oz Jar @ 3/4 4 oz Jar @ 1 3/4	QUATERNARY COLLUVIUM: SILTY SAND, brown, dry becoming damp with depth, loose becoming medium dense with depth.
	2 3/4-3	SC	4 oz Jar @ 2 3/4	HIGHLY WEATHERED PLUTONIC BEDROCK: CLAYEY SAND, brown and gray, moist, medium dense.
				Total Depth = 3' No Groundwater/Caving Encountered Backfilled 4-3-2013



W.O. E6539-SC
 New Urban West, Inc.
 2115 Amanda Lane, Escondido
 Logged By: RB
 April 3, 2013

LOG OF ENVIRONMENTAL TEST PITS

TEST PIT NO.	DEPTH (ft.)	GROUP SYMBOL	SAMPLE DEPTH (ft.)	DESCRIPTION
L-11	0-1	SM	4 oz Jar @ ½	QUATERNARY COLLUVIUM: SILTY SAND, brown, dry becoming damp with depth, loose.
	1-2¼	CL	4 oz Jar @ 1¼ 4 oz Jar @ 2¼	HIGHLY WEATHERED PLUTONIC BEDROCK: SANDY CLAY, brown, yellowish brown, and gray, moist, stiff.
	2¼-2¾	SC		CRETACEOUS PLUTONIC BEDROCK: TONALITE, brown and gray, moist, very dense; breaks to CLAYEY SAND upon excavation.
				Practical Refusal @ 2¾ Total Depth = 2¾' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-12	0-1½	SM	4 oz Jar @ 0 4 oz Jar @ ½	UNDOCUMENTED ARTIFICIAL FILL: SILTY SAND, dark brownish gray, damp, loose; abundant trash (rusted wire, glass bottles, broken glass, small metal fragments).
	1½-2	SM	4 oz Jar @ 1½	CRETACEOUS PLUTONIC BEDROCK: TONALITE, brown and dark gray, damp, dense to very dense; breaks to SILTY SAND upon excavation.
				Practical Refusal @ 2' Total Depth = 2' No Groundwater/Caving Encountered Backfilled 4-3-2013



W.O. E6539-SC
 New Urban West, Inc.
 2115 Amanda Lane, Escondido
 Logged By: RB
 April 3, 2013

LOG OF ENVIRONMENTAL TEST PITS

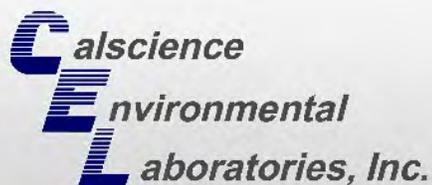
TEST PIT NO.	DEPTH (ft.)	GROUP SYMBOL	SAMPLE DEPTH (ft.)	DESCRIPTION
L-13	0-1/2	SM	4 oz Jar @ 0	QUATERNARY COLLUVIUM: SILTY SAND, grayish brown, dry, loose.
	1/2-3/4		4 oz Jar @ 1/2	CRETACEOUS PLUTONIC BEDROCK: TONALITE, gray and brown, dry, very dense.
				Practical Refusal @ 3/4' Total Depth = 3/4' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-14	0-1	SM	4 oz Jar @ 1/4	QUATERNARY COLLUVIUM: SILTY SAND, dry becoming damp with depth; loose.
	1-1 3/4	CL	4 oz Jar @ 1 1/4	WEATHERED PLUTONIC BEDROCK: SANDY CLAY, reddish yellow, brown, and gray, moist, stiff.
	1 3/4-2	SC	4 oz Jar @ 1 3/4	CRETACEOUS PLUTONIC BEDROCK: TONALITE, reddish yellow, brown, and gray, moist, dense to very dense; breaks to CLAYEY SAND upon excavation.
				Practical Refusal @ 2' Total Depth = 2' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-15	0-1/2	SM		QUATERNARY COLLUVIUM: SILTY SAND, brown, dry, loose.
	1/2-1		4 oz Jar @ 1/2	CRETACEOUS PLUTONIC BEDROCK: TONALITE, brown and gray, dry, dense to very dense.
				Practical Refusal @ 1' Total Depth = 1' No Groundwater/Caving Encountered Backfilled 4-3-2013



W.O. E6539-SC
 New Urban West, Inc.
 2115 Amanda Lane, Escondido
 Logged By: RB
 April 3, 2013

LOG OF ENVIRONMENTAL TEST PITS

TEST PIT NO.	DEPTH (ft.)	GROUP SYMBOL	SAMPLE DEPTH (ft.)	DESCRIPTION
L-16	0-1	SM	4 oz Jar @ ½	QUATERNARY COLLUVIUM: SILTY SAND, brown, dry becoming damp with depth, loose.
	1-1¼	SM		CRETACEOUS PLUTONIC BEDROCK: TONALITE, brown and gray, dry, very dense; breaks to SILTY SAND upon excavation.
				Practical Refusal @ 1¼' Total Depth = 1¼' No Groundwater/Caving Encountered Backfilled 4-3-2013
L-17	0-3	SM	4 oz Jar @ 0 4 oz Jar @ 1 4 oz Jar @ 2	QUATERNARY COLLUVIUM: SILTY SAND, brown, dry becoming damp with depth, loose becoming medium dense with depth.



Supplemental Report 2

Additional requested analyses are reported as a stand-alone report.



CALSCIENCE

WORK ORDER NUMBER: 13-04-0374

The difference is service



AIR · SOIL · WATER · MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: 2115 Amanda Lane / W.01 E6539-SC

Attention: Ryan Boehmer
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 04/23/2013 by:
Richard Villafania
Project Manager

ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any litigation which may arise.





Contents

Client Project Name: 2115 Amanda Lane / W.01 E6539-SC
Work Order Number: 13-04-0374

1	Work Order Narrative	3
2	13-04-0374_EPA Method 8290 Dioxins and Furans	5
3	Glossary of Terms and Qualifiers	18
4	Chain of Custody/Sample Receipt Form	19

Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 04/04/2013. They were assigned to Work Order 13-04-0374.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT \leq 15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontract Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Subcontractor Analysis Report



Work Order # 13-04-0374

One or more samples in this Work Order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

- 1 Maxxam Analytics, Inc. - Ontario,Canada NELAP 02106CA
Dioxins / Furans



Your Project #: 13-04-0374
 Your C.O.C. #: na

Attention: Richard Villafania

Calscience Environmental Laboratories Inc
 7440 Lincoln Way
 Garden Grove, CA
 USA 92841-1427

Report Date: 2013/04/23

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B353699

Received: 2013/04/11, 13:00

Sample Matrix: Soil
 # Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Dioxins/Furans in Soil (8290A) (1)	2	2013/04/15	2013/04/19	BRL SOP-00406	EPA 8290A mod.
2378TCDF Confirmation in Soil	2	N/A	2013/04/22	BRL SOP-00406	EPA 8290A mod.
Moisture	2	N/A	2013/04/12	CAM SOP-00445	R.Carter,1993

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Soils are reported on a dry weight basis unless otherwise specified.

Confirmatory runs for 2,3,7,8-TCDF are performed only if the primary result is greater than the RDL.

- U = Undetected at the limit of quantitation.
- J = Estimated concentration between the EDL & RDL.
- B = Blank Contamination.
- Q = One or more quality control criteria failed.

Encryption Key

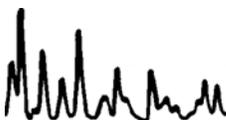
Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Ivana Vukovic, Env Project Manager
 Email: IVukovic@maxxam.ca
 Phone# (905) 817-5700

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Analytics Inc. is a NELAC accredited laboratory. Certificate # CANA001. Use of the NELAC logo however does not insure that Maxxam is accredited for all of the methods indicated. This certificate shall not be reproduced except in full, without the written approval of Maxxam Analytics Inc. Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section.

Total cover pages: 1



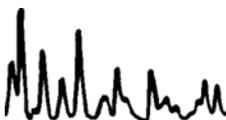


RESULTS OF ANALYSES OF SOIL

Maxxam ID		RD3042	RD3043		
Sampling Date		2013/04/03 10:19	2013/04/03 12:15		
COC Number		na	na		
	Units	L-2 @ 1 1/2'	L-7 @ 0'	RDL	QC Batch

Moisture	%	6.4	4.1	1.0	3179994
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RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch



DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		RD3042						
Sampling Date		2013/04/03 10:19						
COC Number		na			TOXIC EQUIVALENCY		# of	
	Units	L-2 @ 1 1/2'	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

2,3,7,8-Tetra CDD *	pg/g	1.02 J	0.24	4.0	1.00	1.02	N/A	3181726
1,2,3,7,8-Penta CDD	pg/g	1.38 J	0.28	10	1.00	1.38	N/A	3181726
1,2,3,4,7,8-Hexa CDD	pg/g	1.35 J	0.27	10	0.100	0.135	N/A	3181726
1,2,3,6,7,8-Hexa CDD	pg/g	16	0.23	10	0.100	1.60	N/A	3181726
1,2,3,7,8,9-Hexa CDD	pg/g	7.69 J	0.24	10	0.100	0.769	N/A	3181726
1,2,3,4,6,7,8-Hepta CDD	pg/g	293	0.29	10	0.0100	2.93	N/A	3181726
Octa CDD	pg/g	3310	0.33	20	0.000300	0.993	N/A	3181726
Total Tetra CDD	pg/g	14.0	0.24	4.0	N/A	N/A	N/A	3181726
Total Penta CDD	pg/g	22	0.28	10	N/A	N/A	N/A	3181726
Total Hexa CDD	pg/g	118	0.25	10	N/A	N/A	N/A	3181726
Total Hepta CDD	pg/g	541	0.29	10	N/A	N/A	N/A	3181726
2,3,7,8-Tetra CDF **	pg/g	13.3	0.27	4.0	0.100	1.33	N/A	3181726
1,2,3,7,8-Penta CDF	pg/g	1.97 J	0.32	10	0.0300	0.0591	N/A	3181726
2,3,4,7,8-Penta CDF	pg/g	6.60 J	0.34	10	0.300	1.98	N/A	3181726
1,2,3,4,7,8-Hexa CDF	pg/g	12 (1)	0.18	10	0.100	1.20	N/A	3181726
1,2,3,6,7,8-Hexa CDF	pg/g	5.70 J	0.18	10	0.100	0.570	N/A	3181726
2,3,4,6,7,8-Hexa CDF	pg/g	7.36 J	0.20	10	0.100	0.736	N/A	3181726
1,2,3,7,8,9-Hexa CDF	pg/g	0.23 U	0.23	10	0.100	0.0230	N/A	3181726
1,2,3,4,6,7,8-Hepta CDF	pg/g	71	0.17	10	0.0100	0.710	N/A	3181726
1,2,3,4,7,8,9-Hepta CDF	pg/g	4.09 J	0.23	10	0.0100	0.0409	N/A	3181726
Octa CDF	pg/g	158	0.27	20	0.000300	0.0474	N/A	3181726
Total Tetra CDF	pg/g	96.4	0.27	4.0	N/A	N/A	N/A	3181726
Total Penta CDF	pg/g	217	0.33	10	N/A	N/A	N/A	3181726
Total Hexa CDF	pg/g	152	0.19	10	N/A	N/A	N/A	3181726
Total Hepta CDF	pg/g	211	0.19	10	N/A	N/A	N/A	3181726
Confirmation 2,3,7,8-Tetra CDF	pg/g	6.6	0.27	4.0	0.100	0.660	N/A	3189681
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	14.9	N/A	N/A

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
 (1) EMPC / Merged Peak

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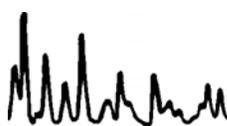
DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		RD3042						
Sampling Date		2013/04/03 10:19						
COC Number		na			TOXIC EQUIVALENCY		# of	
	Units	L-2 @ 1 1/2'	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

Surrogate Recovery (%)								
C13-1234678 HeptaCDD *	%	63	N/A	N/A	N/A	N/A	N/A	3181726
C13-1234678 HeptaCDF **	%	73	N/A	N/A	N/A	N/A	N/A	3181726
C13-123478 HexaCDF	%	64	N/A	N/A	N/A	N/A	N/A	3181726
C13-123678 HexaCDD	%	59	N/A	N/A	N/A	N/A	N/A	3181726
C13-12378 PentaCDD	%	65	N/A	N/A	N/A	N/A	N/A	3181726
C13-12378 PentaCDF	%	63	N/A	N/A	N/A	N/A	N/A	3181726
C13-2378 TetraCDD	%	55	N/A	N/A	N/A	N/A	N/A	3181726
C13-2378 TetraCDF	%	62	N/A	N/A	N/A	N/A	N/A	3181726
C13-OCDD	%	62	N/A	N/A	N/A	N/A	N/A	3181726
Confirmation C13-2378 TetraCDF	%	65	N/A	N/A	N/A	N/A	N/A	3189681

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		RD3043						
Sampling Date		2013/04/03 12:15						
COC Number		na			TOXIC EQUIVALENCY		# of	
	Units	L-7 @ 0'	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

2,3,7,8-Tetra CDD *	pg/g	1.29 J	0.25	4.0	1.00	1.29	N/A	3181726
1,2,3,7,8-Penta CDD	pg/g	4.00 J	0.22	10	1.00	4.00	N/A	3181726
1,2,3,4,7,8-Hexa CDD	pg/g	3.91 J	0.21	10	0.100	0.391	N/A	3181726
1,2,3,6,7,8-Hexa CDD	pg/g	20	0.17	10	0.100	2.00	N/A	3181726
1,2,3,7,8,9-Hexa CDD	pg/g	16 (1)	0.18	10	0.100	1.60	N/A	3181726
1,2,3,4,6,7,8-Hepta CDD	pg/g	298	0.25	10	0.0100	2.98	N/A	3181726
Octa CDD	pg/g	3470	0.22	20	0.000300	1.04	N/A	3181726
Total Tetra CDD	pg/g	85.1	0.25	4.0	N/A	N/A	N/A	3181726
Total Penta CDD	pg/g	117	0.22	10	N/A	N/A	N/A	3181726
Total Hexa CDD	pg/g	272	0.19	10	N/A	N/A	N/A	3181726
Total Hepta CDD	pg/g	608	0.25	10	N/A	N/A	N/A	3181726
2,3,7,8-Tetra CDF **	pg/g	41 U (2)	41	4.0	0.100	4.10	N/A	3181726
1,2,3,7,8-Penta CDF	pg/g	8.45 J	0.27	10	0.0300	0.254	N/A	3181726
2,3,4,7,8-Penta CDF	pg/g	20	0.28	10	0.300	6.00	N/A	3181726
1,2,3,4,7,8-Hexa CDF	pg/g	22	0.21	10	0.100	2.20	N/A	3181726
1,2,3,6,7,8-Hexa CDF	pg/g	16	0.20	10	0.100	1.60	N/A	3181726
2,3,4,6,7,8-Hexa CDF	pg/g	21	0.23	10	0.100	2.10	N/A	3181726
1,2,3,7,8,9-Hexa CDF	pg/g	0.70 J	0.26	10	0.100	0.0700	N/A	3181726
1,2,3,4,6,7,8-Hepta CDF	pg/g	82	0.15	10	0.0100	0.820	N/A	3181726
1,2,3,4,7,8,9-Hepta CDF	pg/g	7.32 J	0.20	10	0.0100	0.0732	N/A	3181726
Octa CDF	pg/g	89	0.35	20	0.000300	0.0267	N/A	3181726
Total Tetra CDF	pg/g	234	0.28	4.0	N/A	N/A	N/A	3181726
Total Penta CDF	pg/g	280	0.27	10	N/A	N/A	N/A	3181726
Total Hexa CDF	pg/g	222	0.22	10	N/A	N/A	N/A	3181726
Total Hepta CDF	pg/g	173	0.17	10	N/A	N/A	N/A	3181726

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds
 (1) EMPC / Merged Peak
 (2) RT > 3 seconds - PCDD/DF analysis - Peak detected exceeds expected retention time (from internal standard) by greater than 3 seconds.

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DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		RD3043						
Sampling Date		2013/04/03 12:15						
COC Number		na			TOXIC EQUIVALENCY		# of	
	Units	L-7 @ 0'	EDL	RDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch

Confirmation 2,3,7,8-Tetra CDF **	pg/g	10.9	0.50	4.0	0.100	1.09	N/A	3189681
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	N/A	27.5	N/A	N/A
Surrogate Recovery (%)								
C13-1234678 HeptaCDD *	%	77	N/A	N/A	N/A	N/A	N/A	3181726
C13-1234678 HeptaCDF	%	83	N/A	N/A	N/A	N/A	N/A	3181726
C13-123478 HexaCDF	%	74	N/A	N/A	N/A	N/A	N/A	3181726
C13-123678 HexaCDD	%	68	N/A	N/A	N/A	N/A	N/A	3181726
C13-12378 PentaCDD	%	68	N/A	N/A	N/A	N/A	N/A	3181726
C13-12378 PentaCDF	%	69	N/A	N/A	N/A	N/A	N/A	3181726
C13-2378 TetraCDD	%	59	N/A	N/A	N/A	N/A	N/A	3181726
C13-2378 TetraCDF	%	66	N/A	N/A	N/A	N/A	N/A	3181726
C13-OCDD	%	83	N/A	N/A	N/A	N/A	N/A	3181726
Confirmation C13-2378 TetraCDF	%	67	N/A	N/A	N/A	N/A	N/A	3189681

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

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Test Summary

Maxxam ID RD3042
Sample ID L-2 @ 1 1/2'
Matrix Soil

Collected 2013/04/03
Shipped
Received 2013/04/11

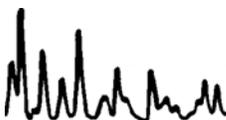
Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Dioxins/Furans in Soil (8290A)	HRMS/MS	3181726	2013/04/15	2013/04/19	Kay Shaw
2378TCDF Confirmation in Soil	HRMS/MS	3189681	N/A	2013/04/22	Branko Vrzic
Moisture	BAL	3179994	N/A	2013/04/12	Vasan Thiagarajah

Maxxam ID RD3043
Sample ID L-7 @ 0'
Matrix Soil

Collected 2013/04/03
Shipped
Received 2013/04/11

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Dioxins/Furans in Soil (8290A)	HRMS/MS	3181726	2013/04/15	2013/04/19	Kay Shaw
2378TCDF Confirmation in Soil	HRMS/MS	3189681	N/A	2013/04/22	Branko Vrzic
Moisture	BAL	3179994	N/A	2013/04/12	Vasan Thiagarajah

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Package 1	4.7°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

Results relate only to the items tested.



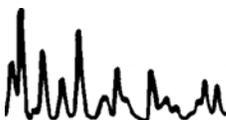
Calscience Environm
 Attention: Richard Vil
 Client Project #: 13-04-0374
 P.O. #:
 Site Location:



Quality Assurance Report
 Maxxam Job Number: GB353699

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
3179994 VTH	RPD - Sample/Sample Dup	Moisture	2013/04/12	15.0		%	20
3181726 KKS	Matrix Spike	C13-1234678 HeptaCDD	2013/04/17		90	%	40 - 135
	Matrix Spike DUP	C13-1234678 HeptaCDD	2013/04/17		83	%	40 - 135
	Matrix Spike	C13-1234678 HeptaCDF	2013/04/17		97	%	40 - 135
	Matrix Spike DUP	C13-1234678 HeptaCDF	2013/04/17		91	%	40 - 135
	Matrix Spike	C13-123478 HexaCDF	2013/04/17		86	%	40 - 135
	Matrix Spike DUP	C13-123478 HexaCDF	2013/04/17		79	%	40 - 135
	Matrix Spike	C13-123678 HexaCDD	2013/04/17		80	%	40 - 135
	Matrix Spike DUP	C13-123678 HexaCDD	2013/04/17		74	%	40 - 135
	Matrix Spike	C13-12378 PentaCDD	2013/04/17		94	%	40 - 135
	Matrix Spike DUP	C13-12378 PentaCDD	2013/04/17		89	%	40 - 135
	Matrix Spike	C13-12378 PentaCDF	2013/04/17		86	%	40 - 135
	Matrix Spike DUP	C13-12378 PentaCDF	2013/04/17		80	%	40 - 135
	Matrix Spike	C13-2378 TetraCDD	2013/04/17		71	%	40 - 135
	Matrix Spike DUP	C13-2378 TetraCDD	2013/04/17		64	%	40 - 135
	Matrix Spike	C13-2378 TetraCDF	2013/04/17		78	%	40 - 135
	Matrix Spike DUP	C13-2378 TetraCDF	2013/04/17		71	%	40 - 135
	Matrix Spike	C13-OCDD	2013/04/17		102	%	40 - 135
	Matrix Spike DUP	C13-OCDD	2013/04/17		94	%	40 - 135
	Matrix Spike	2,3,7,8-Tetra CDD	2013/04/17		114	%	80 - 140
	Matrix Spike DUP	2,3,7,8-Tetra CDD	2013/04/17		114	%	80 - 140
	MS/MSD RPD	2,3,7,8-Tetra CDD	2013/04/17	0		%	25
	Matrix Spike	1,2,3,7,8-Penta CDD	2013/04/17		106	%	80 - 140
	Matrix Spike DUP	1,2,3,7,8-Penta CDD	2013/04/17		106	%	80 - 140
	MS/MSD RPD	1,2,3,7,8-Penta CDD	2013/04/17	0		%	25
	Matrix Spike	1,2,3,4,7,8-Hexa CDD	2013/04/17		111	%	80 - 140
	Matrix Spike DUP	1,2,3,4,7,8-Hexa CDD	2013/04/17		113	%	80 - 140
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDD	2013/04/17	1.8		%	25
	Matrix Spike	1,2,3,6,7,8-Hexa CDD	2013/04/17		99	%	80 - 140
	Matrix Spike DUP	1,2,3,6,7,8-Hexa CDD	2013/04/17		98	%	80 - 140
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDD	2013/04/17	1.0		%	25
	Matrix Spike	1,2,3,7,8,9-Hexa CDD	2013/04/17		116	%	80 - 140
	Matrix Spike DUP	1,2,3,7,8,9-Hexa CDD	2013/04/17		119	%	80 - 140
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDD	2013/04/17	2.6		%	25
	Matrix Spike	1,2,3,4,6,7,8-Hepta CDD	2013/04/17		101	%	80 - 140
	Matrix Spike DUP	1,2,3,4,6,7,8-Hepta CDD	2013/04/17		102	%	80 - 140
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDD	2013/04/17	1		%	25
	Matrix Spike	Total Tetra CDD	2013/04/17		157	%	N/A
	Matrix Spike DUP	Total Tetra CDD	2013/04/17		157	%	N/A
	MS/MSD RPD	Total Tetra CDD	2013/04/17	0.09		%	25
	Matrix Spike	Total Penta CDD	2013/04/17		147	%	N/A
	Matrix Spike DUP	Total Penta CDD	2013/04/17		146	%	N/A
	MS/MSD RPD	Total Penta CDD	2013/04/17	0.2		%	25
	Matrix Spike	Total Hexa CDD	2013/04/17		454	%	N/A
	Matrix Spike DUP	Total Hexa CDD	2013/04/17		459	%	N/A
	MS/MSD RPD	Total Hexa CDD	2013/04/17	1.0		%	25
	Matrix Spike	Total Hepta CDD	2013/04/17		204	%	N/A
	Matrix Spike DUP	Total Hepta CDD	2013/04/17		205	%	N/A
	MS/MSD RPD	Total Hepta CDD	2013/04/17	0.5		%	25
	Matrix Spike	2,3,7,8-Tetra CDF	2013/04/17		91	%	80 - 140
	Matrix Spike DUP	2,3,7,8-Tetra CDF	2013/04/17		92	%	80 - 140
	MS/MSD RPD	2,3,7,8-Tetra CDF	2013/04/17	1.1		%	25
	Matrix Spike	1,2,3,7,8-Penta CDF	2013/04/17		97	%	80 - 140

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Calscience Environm
 Attention: Richard Vil
 Client Project #: 13-04-0374
 P.O. #:
 Site Location:



Quality Assurance Report (Continued)

Maxxam Job Number: GB353699

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
3181726 KKS	Matrix Spike DUP	1,2,3,7,8-Penta CDF	2013/04/17		99	%	80 - 140
	MS/MSD RPD	1,2,3,7,8-Penta CDF	2013/04/17	2.0		%	25
	Matrix Spike	2,3,4,7,8-Penta CDF	2013/04/17		117	%	80 - 140
	Matrix Spike DUP	2,3,4,7,8-Penta CDF	2013/04/17		125	%	80 - 140
	MS/MSD RPD	2,3,4,7,8-Penta CDF	2013/04/17	6.6		%	25
	Matrix Spike	1,2,3,4,7,8-Hexa CDF	2013/04/17		100	%	80 - 140
	Matrix Spike DUP	1,2,3,4,7,8-Hexa CDF	2013/04/17		99	%	80 - 140
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDF	2013/04/17	1.0		%	25
	Matrix Spike	1,2,3,6,7,8-Hexa CDF	2013/04/17		97	%	80 - 140
	Matrix Spike DUP	1,2,3,6,7,8-Hexa CDF	2013/04/17		96	%	80 - 140
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDF	2013/04/17	1.0		%	25
	Matrix Spike	2,3,4,6,7,8-Hexa CDF	2013/04/17		97	%	80 - 140
	Matrix Spike DUP	2,3,4,6,7,8-Hexa CDF	2013/04/17		98	%	80 - 140
	MS/MSD RPD	2,3,4,6,7,8-Hexa CDF	2013/04/17	1.0		%	25
	Matrix Spike	1,2,3,7,8,9-Hexa CDF	2013/04/17		107	%	80 - 140
	Matrix Spike DUP	1,2,3,7,8,9-Hexa CDF	2013/04/17		110	%	80 - 140
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDF	2013/04/17	2.8		%	25
	Matrix Spike	1,2,3,4,6,7,8-Hepta CDF	2013/04/17		91	%	80 - 140
	Matrix Spike DUP	1,2,3,4,6,7,8-Hepta CDF	2013/04/17		95	%	80 - 140
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDF	2013/04/17	4.3		%	25
	Matrix Spike	1,2,3,4,7,8,9-Hepta CDF	2013/04/17		103	%	80 - 140
	Matrix Spike DUP	1,2,3,4,7,8,9-Hepta CDF	2013/04/17		101	%	80 - 140
	MS/MSD RPD	1,2,3,4,7,8,9-Hepta CDF	2013/04/17	2.0		%	25
	Matrix Spike	Octa CDF	2013/04/17		104	%	80 - 140
	Matrix Spike DUP	Octa CDF	2013/04/17		108	%	80 - 140
	MS/MSD RPD	Octa CDF	2013/04/17	3.8		%	25
	Matrix Spike	Total Tetra CDF	2013/04/17		126	%	N/A
	Matrix Spike DUP	Total Tetra CDF	2013/04/17		127	%	N/A
	MS/MSD RPD	Total Tetra CDF	2013/04/17	1.1		%	25
	Matrix Spike	Total Penta CDF	2013/04/17		296	%	N/A
	Matrix Spike DUP	Total Penta CDF	2013/04/17		308	%	N/A
	MS/MSD RPD	Total Penta CDF	2013/04/17	3.8		%	25
	Matrix Spike	Total Hexa CDF	2013/04/17		555	%	N/A
	Matrix Spike DUP	Total Hexa CDF	2013/04/17		555	%	N/A
	MS/MSD RPD	Total Hexa CDF	2013/04/17	0.07		%	25
	Matrix Spike	Total Hepta CDF	2013/04/17		269	%	N/A
	Matrix Spike DUP	Total Hepta CDF	2013/04/17		273	%	N/A
	MS/MSD RPD	Total Hepta CDF	2013/04/17	1.5		%	25
	Spiked Blank	C13-1234678 HeptaCDD	2013/04/17		76	%	40 - 135
		C13-1234678 HeptaCDF	2013/04/17		84	%	40 - 135
C13-123478 HexaCDF		2013/04/17		78	%	40 - 135	
C13-123678 HexaCDD		2013/04/17		72	%	40 - 135	
C13-12378 PentaCDD		2013/04/17		92	%	40 - 135	
C13-12378 PentaCDF		2013/04/17		83	%	40 - 135	
C13-2378 TetraCDD		2013/04/17		68	%	40 - 135	
C13-2378 TetraCDF		2013/04/17		71	%	40 - 135	
C13-OCDD		2013/04/17		75	%	40 - 135	
2,3,7,8-Tetra CDD		2013/04/17		113	%	80 - 140	
1,2,3,7,8-Penta CDD		2013/04/17		105	%	80 - 140	
1,2,3,4,7,8-Hexa CDD		2013/04/17		111	%	80 - 140	
1,2,3,6,7,8-Hexa CDD		2013/04/17		103	%	80 - 140	
1,2,3,7,8,9-Hexa CDD		2013/04/17		113	%	80 - 140	
1,2,3,4,6,7,8-Hepta CDD		2013/04/17		101	%	80 - 140	
Octa CDD		2013/04/17		95	%	80 - 140	
2,3,7,8-Tetra CDF	2013/04/17		91	%	80 - 140		

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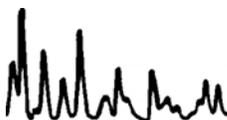




Quality Assurance Report (Continued)
 Maxxam Job Number: GB353699

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits	
3181726 KKS	Spiked Blank	1,2,3,7,8-Penta CDF	2013/04/17		95	%	80 - 140	
		2,3,4,7,8-Penta CDF	2013/04/17		104	%	80 - 140	
		1,2,3,4,7,8-Hexa CDF	2013/04/17		100	%	80 - 140	
		1,2,3,6,7,8-Hexa CDF	2013/04/17		101	%	80 - 140	
		2,3,4,6,7,8-Hexa CDF	2013/04/17		97	%	80 - 140	
		1,2,3,7,8,9-Hexa CDF	2013/04/17		104	%	80 - 140	
		1,2,3,4,6,7,8-Hepta CDF	2013/04/17		91	%	80 - 140	
		1,2,3,4,7,8,9-Hepta CDF	2013/04/17		100	%	80 - 140	
		Octa CDF	2013/04/17		115	%	80 - 140	
		Method Blank	C13-1234678 HeptaCDD	2013/04/17		82	%	40 - 135
			C13-1234678 HeptaCDF	2013/04/17		91	%	40 - 135
			C13-123478 HexaCDF	2013/04/17		84	%	40 - 135
			C13-123678 HexaCDD	2013/04/17		78	%	40 - 135
	C13-12378 PentaCDD		2013/04/17		87	%	40 - 135	
	C13-12378 PentaCDF		2013/04/17		77	%	40 - 135	
	C13-2378 TetraCDD		2013/04/17		65	%	40 - 135	
	C13-2378 TetraCDF		2013/04/17		71	%	40 - 135	
	C13-OCDD		2013/04/17		81	%	40 - 135	
	2,3,7,8-Tetra CDD		2013/04/17	0.10 U, EDL=0.10			pg/g	
	1,2,3,7,8-Penta CDD		2013/04/17	0.11 U, EDL=0.11			pg/g	
	1,2,3,4,7,8-Hexa CDD		2013/04/17	0.12 U, EDL=0.12			pg/g	
	1,2,3,6,7,8-Hexa CDD		2013/04/17	0.10 U, EDL=0.10			pg/g	
	1,2,3,7,8,9-Hexa CDD		2013/04/17	0.11 U, EDL=0.11			pg/g	
	1,2,3,4,6,7,8-Hepta CDD		2013/04/17	0.21 J, EDL=0.10			pg/g	
	Octa CDD		2013/04/17	0.85 J, EDL=0.11			pg/g	
	Total Tetra CDD		2013/04/17	0.10 U, EDL=0.10			pg/g	
	Total Penta CDD		2013/04/17	0.11 U, EDL=0.11			pg/g	
	Total Hexa CDD		2013/04/17	0.17 U, EDL=0.17 (1)			pg/g	
	Total Hepta CDD		2013/04/17	0.33 J, EDL=0.10			pg/g	
	2,3,7,8-Tetra CDF	2013/04/17	0.11 U, EDL=0.11			pg/g		
	1,2,3,7,8-Penta CDF	2013/04/17	0.11 U, EDL=0.11			pg/g		
	2,3,4,7,8-Penta CDF	2013/04/17	0.12 U, EDL=0.12			pg/g		
	1,2,3,4,7,8-Hexa CDF	2013/04/17	0.10 U, EDL=0.10			pg/g		
1,2,3,6,7,8-Hexa CDF	2013/04/17	0.097 U, EDL=0.097			pg/g			
2,3,4,6,7,8-Hexa CDF	2013/04/17	0.11 U, EDL=0.11			pg/g			
1,2,3,7,8,9-Hexa CDF	2013/04/17	0.13 U, EDL=0.13			pg/g			
1,2,3,4,6,7,8-Hepta CDF	2013/04/17	0.179 J, EDL=0.091			pg/g			
1,2,3,4,7,8,9-Hepta CDF	2013/04/17	0.12 U, EDL=0.12			pg/g			
Octa CDF	2013/04/17	0.13 U, EDL=0.13 (1)			pg/g			
Total Tetra CDF	2013/04/17	0.11 U, EDL=0.11			pg/g			
Total Penta CDF	2013/04/17	0.11 U, EDL=0.11			pg/g			
Total Hexa CDF	2013/04/17	0.11 U, EDL=0.11			pg/g			
Total Hepta CDF	2013/04/17	0.18 J, EDL=0.10			pg/g			
3189681 BY	Method Blank	RPD - Sample/Sample Dup	2013/04/18	59.5 Q (2)		%	25	
		Confirmation C13-2378 TetraCDF	2013/04/22		73	%	40 - 135	
		Confirmation 2,3,7,8-Tetra CDF	2013/04/22	0.20 U, EDL=0.20			pg/g	

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.
 Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.
 Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.
 Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.
 (1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.



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Calscience Environm
 Attention: Richard Vil
 Client Project #: 13-04-0374
 P.O. #:
 Site Location:



Quality Assurance Report (Continued)
 Maxxam Job Number: GB353699

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
(2)	EMCL - PCDD/DF analysis	Exceeds Maximum Calibration Limit					
Dulpicate results don't meet method criteria, probbably due to matrix affect.							


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7440 LINCOLN WAY
 GARDEN GROVE, CA 92841-1427
 TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE: 4/10/2013
 PAGE: 1 OF 1

To: Maxxam Analytics

LABORATORY CLIENT: CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.						CLIENT PROJECT NAME / NUMBER: 13-04-0374			P.O. NO.									
ADDRESS: 7440 LINCOLN WAY						PROJECT CONTACT: Richard Villafania			SAMPLER(S): (PRINT)									
CITY: GARDEN GROVE		STATE: CA		ZIP: 92841-1432		REQUESTED ANALYSES												
TEL: 714-895-5494		E-MAIL: rvillafania@calscience.com				11-Apr-13 13:00 Ivana Vukovic B353699 FW ENV-268												
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> *																		
SPECIAL INSTRUCTIONS: * - 2 weeks TAT																		
LOG CODE:						Dioxins & Furans Full List by EPA 8290												
GLOBAL ID:						CONTAINER TYPE												
UNPRESERVED PRESERVED FIELD FILTERED						4oz jar												
* - 2 weeks TAT						4oz jar												
LAB USE ONLY						CONTAINER TYPE												
SAMPLE ID						4oz jar												
DATE		TIME		MATRIX		NO. OF CONT.		UNPRESERVED		PRESERVED		FIELD FILTERED		Dioxins & Furans Full List by EPA 8290		CONTAINER TYPE		
L-2@ 1 1/2'		4/3/2013 10:19am		soil		1		X						X		4oz jar		
L-7@ 0'		4/3/2013 12:15pm		soil		1		X						X		4oz jar		
Received by (Signature): <i>[Signature]</i> Calscience						Received by (Signature/Affiliation): FedEx AB # 7994 9754 3450			Date: 04/10/13		Time: 1630							
Received by (Signature): <i>[Signature]</i>						Received by (Signature/Affiliation): <i>[Signature]</i> FARM WAY			Date: 2013/04/11		Time: 13:00							
Received by (Signature):						Received by (Signature/Affiliation):			Date:		Time:							



3.9/5.1/5.02 06/01/10 Revision



Work Order Number: 13-04-0374

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

For any analysis identified as a "field" test with a holding time (HT) \leq 15 minutes where the sample is received outside of HT, CalScience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet CalScience's internal HT, results will be appropriately qualified.





Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo

For courier service / sample drop off information, contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

13-04-0374

Date 4-3-13

Page 1 of 3

LABORATORY CLIENT: GEOSOILS, INC.

ADDRESS: 5741 PALMER WAY, SUITES CANO D

CITY: CARLSBAD STATE: CA ZIP: 92010

CLIENT PROJECT NAME / NUMBER: 2115 AMANDA LANE / ^{W.O.:} EG539-SC

PROJECT CONTACT: RYAN BOEHMER

W.O. NO.: EG539-SC

SAMPLER(S): (PRINT) RYAN BOEHMER

TEL: (760)438-3155 E-MAIL: rboehmer@geosoilsinc.com

TURNAROUND TIME: SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS: HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INTIAL LEAD TESTING

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010 B/C) ^{DISSOLUTION} 3050B	
		DATE	TIME																				
1	L-2 @ 1 1/2'	4-3-13	10:19AM	SOIL	802 1																	/	
2	L-2 @ 2 1/4'	4-3-13	10:57AM	SOIL	802 1																		/
3	L-7 @ 0'	4-3-13	12:15pm	SOIL	802 1																		/
4	L-7 @ 1/2'	4-3-13	11:24AM	SOIL	802 1																		/
5	L-7 @ 1 1/2'	4-3-13	12:00pm	SOIL	802 1																		/
6	L-7 @ 2 1/4'	4-3-13	11:49AM	SOIL	802 1																		/
7	L-8 @ 0'	4-3-13	12:30pm	SOIL	802 1																		/
8	L-8 @ 1/2'	4-3-13	12:24pm	SOIL	802 1																		/
9	L-9 @ 0'	4-3-13	12:54pm	SOIL	802 1																		/
10	L-9 @ 1'	4-3-13	1:03pm	SOIL	802 1																		/

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>04/04/13</u>	Time: <u>1355</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>DANNYLE COZ</u>	Date: <u>4/4/13</u>	Time: <u>18:20</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo
For courier service / sample drop off information,
contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

13-04-0374

Date 4-3-13

Page 2 of 3

LABORATORY CLIENT: <i>GeoSoils, Inc</i>		CLIENT PROJECT NAME / NUMBER: <i>2115 AMANDA LANE / E6539-5C</i>	W.O. NO. NO.:
ADDRESS: <i>5741 PALMER WAY, SUITES C AND D</i>		PROJECT CONTACT: <i>RYAN BOEHMER</i>	SAMPLER(S): (PRINT) <i>RYAN BOEHMER</i>
CITY <i>CARLSBAD</i>	STATE <i>CA</i>	ZIP <i>92010</i>	

TEL: *(909) 438-3155* E-MAIL: *rboehmer@geosoilsinc.com*

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INITIAL LEAD TESTING

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010BK)	DELTSTEON (3050B)
		DATE	TIME																				
11	L-10 @ 3/4'	4-3-13	1:17pm	SOEL	402																		
12	L-10 @ 2 3/4'	4-3-13	1:33pm	SOEL	402																		
13	L-10 @ 2 3/4'	4-3-13	1:40pm	SOEL	402																		
14	L-11 @ 1/2'	4-3-13	1:57pm	SOEL	402																		
15	L-11 @ 1 1/4'	4-3-13	2:02pm	SOEL	402																		
16	L-11 @ 2 3/4'	4-3-13	2:09pm	SOEL	402																		
17	L-12 @ 0'	4-3-13	2:47pm	SOEL	402																		
18	L-12 @ 1/2'	4-3-13	2:55pm	SOEL	402																		
19	L-12 @ 1 1/2'	4-3-13	3:08pm	SOEL	402																		
20	L-13 @ 0'	4-3-13	3:21pm	SOEL	402																		

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <i>4/4/13</i>	Time: <i>1355</i>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <i>4/4/13</i>	Time: <i>18:20</i>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

04-0374

Date 4-3-13

Page 3 of 3

LABORATORY CLIENT: <u>GeoSoils, Inc.</u>		CLIENT PROJECT NAME / NUMBER: <u>2115 AMANDA LANE / W.O. E6539-SC</u>		W.O. NO.: <u>E6539-SC</u>
ADDRESS: <u>5741 PALMER WAY, SUITES C AND D</u>		PROJECT CONTACT: <u>RYAN BOEHMER</u>		SAMPLER(S): (PRINT) <u>RYAN BOEHMER</u>
CITY <u>CARLSBAD</u>	STATE <u>CA</u>	ZIP <u>92010</u>		

TEL: (760) 438-3155 E-MAIL: rboehmer@geosoilsinc.com

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INITIAL LEAD TESTING IS COMPLETE

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010B/C) DIGESTION (3050B)	
		DATE	TIME																				
21	L-13 @ 1/2'	4-3-13	3:30PM	SOIL	402 / 1																	/	
22	L-14 @ 1/4'	4-3-13	3:43PM	SOIL	402 / 1																		/
23	L-14 @ 1 1/4'	4-3-13	3:48PM	SOIL	402 / 1																		/
24	L-14 @ 1 3/4'	4-3-13	3:53PM	SOIL	402 / 1																		/
25	L-15 @ 1/2'	4-3-13	4:10PM	SOIL	402 / 1																		/
26	L-16 @ 1/2'	4-3-13	4:19PM	SOIL	402 / 1																		/
27	L-17 @ 0'	4-3-13	5:19PM	SOIL	402 / 1																		/
28	L-17 @ 1'	4-3-13	5:26PM	SOIL	402 / 1																		/
29	L-17 @ 2'	4-3-13	5:33PM	SOIL	402 / 1																		/

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>04/04/13</u>	Time: <u>1355</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>DANNYLE CUA</u>	Date: <u>4/4/13</u>	Time: <u>18:20</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Richard Villafania

From: John Franklin [jfranklin@geosoilsinc.com]
Sent: Tuesday, April 09, 2013 2:10 PM
To: Richard Villafania
Cc: rboehmer@geosoilsinc.com
Subject: Re: 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374 Final Report

Richard,

Please acknowledge your receipt of this email and instructions for further testing. We want to run Title 22 metals EPA Method 6020/7471 and 8270/D SIM (PAH's) on the two samples that came back with elevated lead; i.e., L-2 @ 1 1/2 ' (lab sample no. 1-A), and L-7 @ 0' (lab sample no. 3-A). This would be a standard 5 day turnaround.

Thank you,

John

John P. Franklin
President

GeoSoils, Inc.

5741 Palmer Way
Carlsbad, California 92010
T: (760) 438-3155
F: (760) 931-0915 fax
www.geosoilsinc.com

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P Please consider the environment before printing this e-mail

On 4/9/2013 12:31 PM, Richard Villafania wrote:

Ryan,

Please advise on any additional analyses soonest.

Thanks.

Richard Villafania



7440 Lincoln Way

Richard Villafania

From: Ryan Boehmer [rboehmer@geosoilsinc.com]
Sent: Wednesday, April 10, 2013 11:49 AM
To: Richard Villafania
Cc: jfranklin@geosoilsinc.com
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

Hi Richard-

Please add the rush surcharge on the dioxin testing and perform soluble lead testing (both TCLP and STLC) on L-2 @ ½-1' (Cal Science W.O. 13-03-1891), L-2 @ 1½,' and L-7 @ 0' (Cal Science W.O. 13-04-0374). Standard 5-day TAT will work.

Thanks,

Ryan Boehmer
 GeoSoils, Inc.

Thanks, On 4/9/2013 4:36 PM, Richard Villafania wrote:

I would ship the samples out tomorrow for the Dioxin lab to receive on 4/11/13, count (3) weeks -> due 05/02/13 unless you want to pay for rush surcharge (+ 25%) and get the report in (2) weeks.

Thanks.

Richard Villafania
 Project Manager
 (714) 895-5494
[Calscience](#)

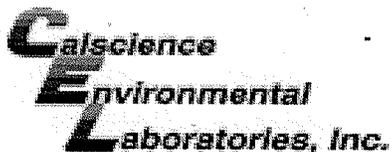
Attorney Work Product and Confidential Communication

From: John Franklin [<mailto:jfranklin@geosoilsinc.com>]
Sent: Tuesday, April 09, 2013 4:33 PM
To: Richard Villafania
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

If I were to run the dioxin test on the two samples we have running now, when would all the tests be complete?

John P. Franklin
 President

GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, California 92010
 T: (760) 438-3155
 F: (760) 931-0915 fax
www.geosoilsinc.com



WORK ORDER #: 13-04-0374

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: GEASOILS, INC

DATE: 04/04/13

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C - 6.0°C, not frozen except sediment/tissue)

Temperature 1.8°C - 0.2°C (CF) = 1.6°C [X] Blank [] Sample

[] Sample(s) outside temperature criteria (PM/APM contacted by: _____).

[] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

[X] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [] Air [] Filter

Initial: [Signature]

CUSTODY SEALS INTACT:

[] Cooler [] _____ [] No (Not Intact) [X] Not Present [] N/A

Initial: [Signature]

[] Sample [] _____ [] No (Not Intact) [X] Not Present

Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, etc.

CONTAINER TYPE:

Solid: [X] 4ozCGJ [X] 8ozCGJ [] 16ozCGJ [] Sleeve () [] EnCores® [] TerraCores® [] _____
Water: [] VOA [] VOA h [] VOAn2 [] 125AGB [] 125AGBh [] 125AGBp [] 1AGB [] 1AGBna2 [] 1AGBs
[] 500AGB [] 500AGJ [] 500AGJs [] 250AGB [] 250CGB [] 250CGBs [] 1PB [] 1PBna [] 500PB
[] 250PB [] 250PBn [] 125PB [] 125PBz nna [] 100PJ [] 100PJna2 [] _____ [] _____ [] _____

Air: [] Tedlar® [] Canister Other: [] _____ Trip Blank Lot#: _____ Labeled/Checked by: [Signature]
Reviewed by: [Signature]
Scanned by: [Signature]

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope

Preservative: h: HCL n: HNO3 na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 u: Ultra-pure z nna: ZnAc2+NaOH f: Filtered



SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

- Sample(s) NOT RECEIVED but listed on COC
- Sample(s) received but NOT LISTED on COC
- Holding time expired – list sample ID(s) and test
- Insufficient quantities for analysis – list test
- Improper container(s) used – list test
- Improper preservative used – list test
- No preservative noted on COC or label – list test & notify lab
- Sample labels illegible – note test/container type
- Sample label(s) do not match COC – Note in comments
 - Sample ID
 - Date and/or Time Collected
 - Project Information
 - # of Container(s)
 - Analysis
- Sample container(s) compromised – Note in comments
 - Water present in sample container
 - Broken
- Sample container(s) not labeled
- Air sample container(s) compromised – Note in comments
 - Flat
 - Very low in volume
 - Leaking (Not transferred - duplicate bag submitted)
 - Leaking (transferred into Calscience Tedlar® Bag*)
 - Leaking (transferred into Client's Tedlar® Bag*)
- Other: _____

Comments:

SAMPLES NOT RECEIVED:

(-27) L-17 @ 0'

(-28) L-17 @ 1'

(-29) L-17 @ 2'

HEADSPACE – Containers with Bubble > 6mm or 1/4 inch:

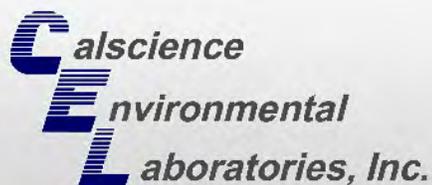
Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: ps 04/04/13





Supplemental Report 3

Additional requested analyses have been added to the original report.



CALSCIENCE

WORK ORDER NUMBER: 13-03-1891

The difference is service



AIR · SOIL · WATER · MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: New Urban West 2115 Amanda Lane, Escondido

Attention: Ryan Boehmer
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 04/19/2013 by:
Richard Villafania
Project Manager

ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any litigation which may arise.



Contents

Client Project Name: New Urban West 2115 Amanda Lane, Escondido
Work Order Number: 13-03-1891

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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 03/27/2013. They were assigned to Work Order 13-03-1891.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT \leq 15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontract Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

Work Order: 13-03-1891
Project name: New Urban West 2115 Amanda Lane, Esco
Received: 03/27/13 18:00

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-1@1-1 1/2' (13-03-1891-1)						
Arsenic	1.15		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	107		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	13.5		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	8.72		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	17.1		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	3.97		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	6.73		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	58.4		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	35.6		5.00	mg/kg	EPA 6020	EPA 3050B
L-2@1/2-1' (13-03-1891-2)						
Copper	7.63		0.100	mg/L	EPA 6010B	T22.11.5. All
Lead	7.48		0.100	mg/L	EPA 6010B	T22.11.5. All
Arsenic	3.87		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	152		1.00	mg/kg	EPA 6020	EPA 3050B
Cadmium	2.32		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	35.6		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	9.87		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	11400		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	199		1.00	mg/kg	EPA 6020	EPA 3050B
Molybdenum	3.30		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	17.2		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	40.8		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	2800		5.00	mg/kg	EPA 6020	EPA 3050B
Mercury	0.817		0.0835	mg/kg	EPA 7471A	EPA 7471A Total
L-3@1-1 1/2' (13-03-1891-3)						
Arsenic	3.08		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	94.6		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	10.2		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	7.35		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	16.3		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	3.76		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	5.06		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	48.8		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	33.2		5.00	mg/kg	EPA 6020	EPA 3050B

*MDL is shown.



Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

Work Order: 13-03-1891
Project name: New Urban West 2115 Amanda Lane, Esco
Received: 03/27/13 18:00

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-4@3/4-1 1/4' (13-03-1891-4)						
Arsenic	1.36		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	128		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	13.7		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	9.75		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	17.1		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	2.65		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	6.75		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	70.8		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	33.8		5.00	mg/kg	EPA 6020	EPA 3050B
L-5@1'-1 1/2' (13-03-1891-5)						
Barium	84.3		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	14.2		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	9.20		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	19.4		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	3.00		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	6.59		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	65.2		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	37.5		5.00	mg/kg	EPA 6020	EPA 3050B
L-6@1/2'-1' (13-03-1891-6)						
Arsenic	1.46		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	68.7		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	12.2		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	7.15		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	11.4		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	3.04		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	4.85		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	52.2		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	32.3		5.00	mg/kg	EPA 6020	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.



Analytical Report



GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, CA 92010-7248

Date Received: 03/27/13
 Work Order No: 13-03-1891
 Preparation: N/A
 Method: EPA 7196A

Project: New Urban West 2115 Amanda Lane, Escondido

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1/2-1'	13-03-1891-2-A	03/27/13 11:02	Solid	UV 8	04/11/13	04/11/13 15:05	D0411CRL2

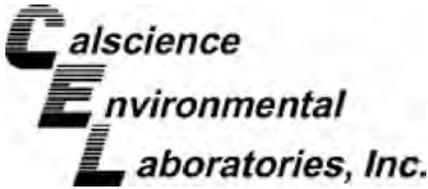
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Chromium, Hexavalent	ND	0.80	1		mg/kg

Method Blank	099-05-001-4,626	N/A	Solid	UV 8	04/11/13	04/11/13 15:05	D0411CRL2
---------------------	-------------------------	------------	--------------	-------------	-----------------	---------------------------	------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Chromium, Hexavalent	ND	0.80	1		mg/kg

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: T22.11.5. All
Method: EPA 6010B
Units: mg/L

Project: New Urban West 2115 Amanda Lane, Escondido

Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1/2-1'	13-03-1891-2-A	03/27/13 11:02	Solid	ICP 7300	04/10/13	04/12/13 20:31	130412LA3

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	7.63	0.100	1		Lead	7.48	0.100	1	
Method Blank					N/A Aqueous				
					ICP 7300		04/10/13		04/12/13 20:10
									130412LA3

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.100	1		Lead	ND	0.100	1	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, CA 92010-7248

Date Received: 03/27/13
 Work Order No: 13-03-1891
 Preparation: EPA 1311
 Method: EPA 6010B

Project: New Urban West 2115 Amanda Lane, Escondido

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1/2-1'	13-03-1891-2-A	03/27/13 11:02	Solid	ICP 7300	04/17/13	04/18/13 16:20	130418LA1

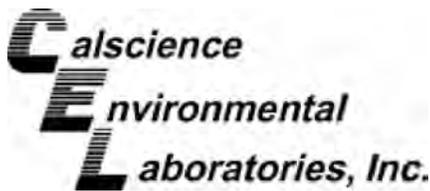
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Lead	ND	0.100	1		mg/L

Method Blank	099-14-021-825	N/A	Aqueous	ICP 7300	04/17/13	04/18/13 16:08	130418LA1
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Lead	ND	0.100	1		mg/L

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: New Urban West 2115 Amanda Lane, Escondido

Page 1 of 3

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-1@1-1 1/2'	13-03-1891-1-A	03/27/13 10:41	Solid	ICP/MS 03	03/28/13	03/28/13 19:15	130328L03A

Comment(s): -Mercury analysis was performed on 03/28/13 18:47 with batch 130328L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	ND	0.0835	1	
Arsenic	1.15	1.00	1		Molybdenum	ND	1.00	1	
Barium	107	1.00	1		Nickel	6.73	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	13.5	2.00	1		Thallium	ND	1.00	1	
Cobalt	8.72	1.00	1		Vanadium	58.4	2.00	1	
Copper	17.1	1.00	1		Zinc	35.6	5.00	1	
Lead	3.97	1.00	1						

L-2@1/2-1'	13-03-1891-2-A	03/27/13 11:02	Solid	ICP/MS 03	03/28/13	03/28/13 19:18	130328L03A
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Comment(s): -Mercury analysis was performed on 03/28/13 18:50 with batch 130328L02.

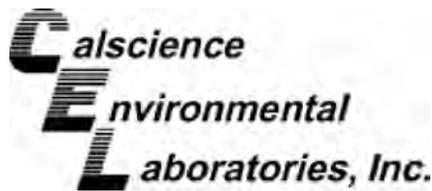
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	0.817	0.0835	1	
Arsenic	3.87	1.00	1		Molybdenum	3.30	1.00	1	
Barium	152	1.00	1		Nickel	17.2	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	2.32	1.00	1		Silver	ND	1.00	1	
Chromium	35.6	2.00	1		Thallium	ND	1.00	1	
Cobalt	9.87	1.00	1		Vanadium	40.8	2.00	1	
Copper	11400	1.00	1		Zinc	2800	5.00	1	
Lead	199	1.00	1						

L-3@1-1 1/2'	13-03-1891-3-A	03/27/13 11:18	Solid	ICP/MS 03	03/28/13	03/28/13 19:21	130328L03A
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Comment(s): -Mercury analysis was performed on 03/28/13 18:52 with batch 130328L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	ND	0.0835	1	
Arsenic	3.08	1.00	1		Molybdenum	ND	1.00	1	
Barium	94.6	1.00	1		Nickel	5.06	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	10.2	2.00	1		Thallium	ND	1.00	1	
Cobalt	7.35	1.00	1		Vanadium	48.8	2.00	1	
Copper	16.3	1.00	1		Zinc	33.2	5.00	1	
Lead	3.76	1.00	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: New Urban West 2115 Amanda Lane, Escondido

Page 2 of 3

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-4@3/4-1 1/4'	13-03-1891-4-A	03/27/13 11:31	Solid	ICP/MS 03	03/28/13	03/28/13 19:24	130328L03A

Comment(s): -Mercury analysis was performed on 03/28/13 18:54 with batch 130328L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	ND	0.0835	1	
Arsenic	1.36	1.00	1		Molybdenum	ND	1.00	1	
Barium	128	1.00	1		Nickel	6.75	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	13.7	2.00	1		Thallium	ND	1.00	1	
Cobalt	9.75	1.00	1		Vanadium	70.8	2.00	1	
Copper	17.1	1.00	1		Zinc	33.8	5.00	1	
Lead	2.65	1.00	1						

L-5@1'-1 1/2'	13-03-1891-5-A	03/27/13 11:44	Solid	ICP/MS 03	03/28/13	03/28/13 19:27	130328L03A
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Comment(s): -Mercury analysis was performed on 03/28/13 18:56 with batch 130328L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	ND	0.0835	1	
Arsenic	ND	1.00	1		Molybdenum	ND	1.00	1	
Barium	84.3	1.00	1		Nickel	6.59	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	14.2	2.00	1		Thallium	ND	1.00	1	
Cobalt	9.20	1.00	1		Vanadium	65.2	2.00	1	
Copper	19.4	1.00	1		Zinc	37.5	5.00	1	
Lead	3.00	1.00	1						

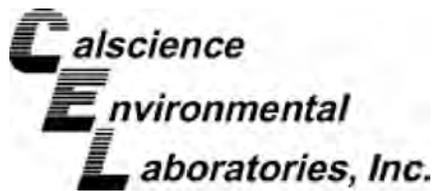
L-6@1/2'-1'	13-03-1891-6-A	03/27/13 11:56	Solid	ICP/MS 03	03/28/13	03/28/13 19:30	130328L03A
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Comment(s): -Mercury analysis was performed on 03/28/13 18:59 with batch 130328L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	ND	0.0835	1	
Arsenic	1.46	1.00	1		Molybdenum	ND	1.00	1	
Barium	68.7	1.00	1		Nickel	4.85	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	12.2	2.00	1		Thallium	ND	1.00	1	
Cobalt	7.15	1.00	1		Vanadium	52.2	2.00	1	
Copper	11.4	1.00	1		Zinc	32.3	5.00	1	
Lead	3.04	1.00	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Return to Contents



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: New Urban West 2115 Amanda Lane, Escondido

Page 3 of 3

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-15-621-194	N/A	Solid	ICP/MS 03	03/28/13	03/28/13 18:02	130328L03A

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Lead	ND	1.00	1	
Arsenic	ND	1.00	1		Molybdenum	ND	1.00	1	
Barium	ND	1.00	1		Nickel	ND	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	ND	2.00	1		Thallium	ND	1.00	1	
Cobalt	ND	1.00	1		Vanadium	ND	2.00	1	
Copper	ND	1.00	1		Zinc	ND	5.00	1	

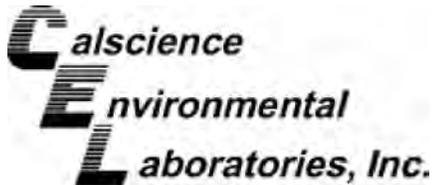
Method Blank	099-04-007-9,191	N/A	Solid	Mercury	03/28/13	03/28/13 12:57	130328L02
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Comment(s): -Preparation/analysis for Mercury was performed by EPA 7471A.

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: T22.11.5. All
Method: EPA 6010B

Project New Urban West 2115 Amanda Lane, Escondido

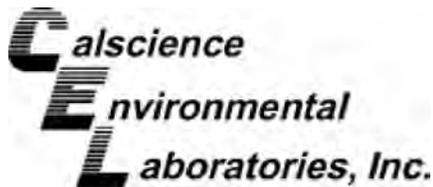
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0862-1	Aqueous	ICP 7300	04/12/13	04/12/13	130412SA3

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Copper	ND	5.000	4.821	96	4.825	97	75-125	0	0-20	
Lead	ND	5.000	5.344	107	5.331	107	75-125	0	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 1311
Method: EPA 6010B

Project New Urban West 2115 Amanda Lane, Escondido

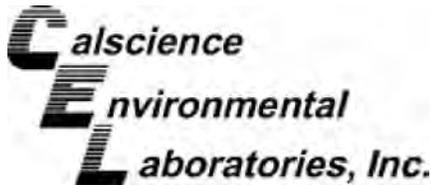
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-1202-2	Solid	ICP 7300	04/17/13	04/18/13	130418SA1

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	ND	5.000	5.507	110	5.537	111	84-120	1	0-7	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 3050B
Method: EPA 6020

Project New Urban West 2115 Amanda Lane, Escondido

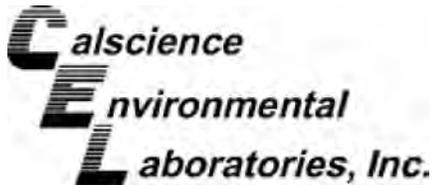
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-03-1941-1	Filter	ICP/MS 03	03/28/13	03/28/13	130328S03

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	600.0	591.8	99	596.7	99	80-120	1	0-20	
Arsenic	ND	600.0	608.6	101	625.8	104	80-120	3	0-20	
Barium	49.74	600.0	638.1	98	662.7	102	80-120	4	0-20	
Beryllium	ND	600.0	615.9	103	644.9	107	80-120	5	0-20	
Cadmium	ND	600.0	624.7	104	637.0	106	80-120	2	0-20	
Chromium	ND	600.0	609.7	102	624.6	104	80-120	2	0-20	
Cobalt	ND	600.0	608.7	101	607.0	101	80-120	0	0-20	
Copper	130.7	600.0	775.5	107	805.6	112	80-120	4	0-20	
Lead	ND	600.0	605.3	101	625.7	104	80-120	3	0-20	
Molybdenum	ND	600.0	588.8	98	597.1	100	80-120	1	0-20	
Nickel	ND	600.0	605.2	101	610.2	102	80-120	1	0-20	
Selenium	ND	600.0	620.5	103	650.8	108	80-120	5	0-20	
Silver	ND	300.0	310.7	104	326.4	109	80-120	5	0-20	
Thallium	ND	600.0	568.9	95	582.9	97	80-120	2	0-20	
Vanadium	ND	600.0	594.9	99	606.6	101	80-120	2	0-20	
Zinc	193.4	600.0	808.4	102	862.8	112	80-120	7	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - PDS / PDSO



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 3050B
Method: EPA 6020

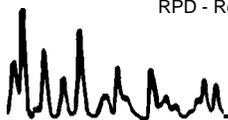
Project New Urban West 2115 Amanda Lane, Escondido

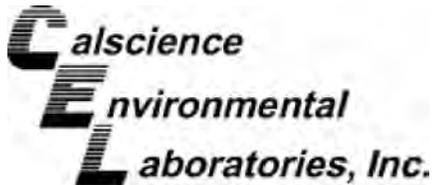
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSO Batch Number
13-03-1941-1	Filter	ICP/MS 03	03/28/13	03/28/13	130328S03

Parameter	SAMPLE CONC	SPIKE ADDED	PDS CONC	PDS %REC	%REC CL	Qualifiers
Antimony	ND	600.0	642.8	107	75-125	
Arsenic	ND	600.0	624.8	104	75-125	
Barium	49.74	600.0	674.7	104	75-125	
Beryllium	ND	600.0	646.0	108	75-125	
Cadmium	ND	600.0	642.5	107	75-125	
Chromium	ND	600.0	628.9	105	75-125	
Cobalt	ND	600.0	620.6	103	75-125	
Copper	130.7	600.0	775.5	107	75-125	
Lead	ND	600.0	629.4	105	75-125	
Molybdenum	ND	600.0	629.8	105	75-125	
Nickel	ND	600.0	618.0	103	75-125	
Selenium	ND	600.0	652.8	109	75-125	
Silver	ND	300.0	331.3	110	75-125	
Thallium	ND	600.0	597.0	100	75-125	
Vanadium	ND	600.0	605.8	101	75-125	
Zinc	193.4	600.0	822.2	105	75-125	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: N/A
Method: EPA 7196A

Project New Urban West 2115 Amanda Lane, Escondido

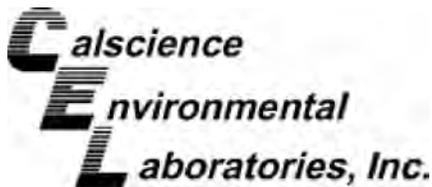
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
L-2@1/2-1'	Solid	UV 8	04/11/13	04/11/13	D0411CRS2

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	ND	0.50	0.43	86	0.44	88	75-125	2	0-25	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 7471A Total
Method: EPA 7471A

Project New Urban West 2115 Amanda Lane, Escondido

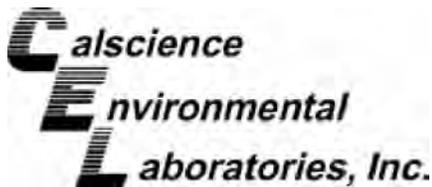
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-03-1844-1	Sediment	Mercury	03/28/13	03/28/13	130328S02

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	0.5826	0.8350	0.9842	48	0.9593	45	76-136	3	0-16	3

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - PDS / PDSD



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received 03/27/13
Work Order No: 13-03-1891
Preparation: EPA 7471A Total
Method: EPA 7471A

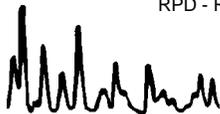
Project: New Urban West 2115 Amanda Lane, Escondido

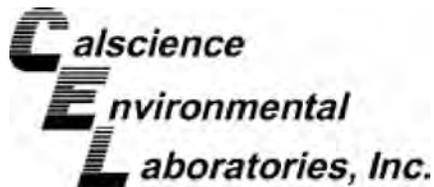
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
13-03-1844-1	Sediment	Mercury	03/28/13	03/28/13	130328S02

Parameter	SAMPLE CONC	SPIKE ADDED	PDS CONC	PDS %REC	PDSD CONC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	0.5826	0.8350	1.560	117	1.597	122	75-125	2	0-16	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-03-1891
Preparation: T22.11.5. All
Method: EPA 6010B

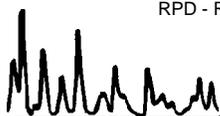
Project: New Urban West 2115 Amanda Lane, Escondido

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-05-006-6,674	Aqueous	ICP 7300	04/10/13	04/15/13	130412LA3

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Copper	5.000	5.203	104	4.513	90	80-120	14	0-20	
Lead	5.000	5.278	106	5.086	102	80-120	4	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Laboratory Control Sample



GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, CA 92010-7248

Date Received: N/A
 Work Order No: 13-03-1891
 Preparation: EPA 1311
 Method: EPA 6010B

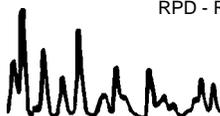
Project: New Urban West 2115 Amanda Lane, Escondido

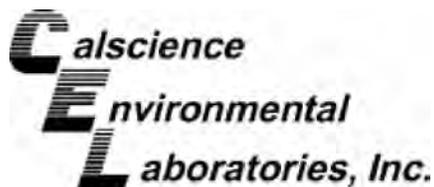
Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-14-021-825	Aqueous	ICP 7300	04/18/13	130418-la-1__164.icp	130418LA1

<u>Parameter</u>	<u>Conc Added</u>	<u>Conc Recovered</u>	<u>LCS %Rec</u>	<u>%Rec CL</u>	<u>Qualifiers</u>
Lead	5.000	5.197	104	80-120	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-03-1891
Preparation: EPA 3050B
Method: EPA 6020

Project: New Urban West 2115 Amanda Lane, Escondido

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number					
099-15-621-194	Solid	ICP/MS 03	03/28/13	03/28/13	130328L03A					
Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Antimony	25.00	26.16	105	25.65	103	80-120	73-127	2	0-20	
Arsenic	25.00	26.39	106	25.75	103	80-120	73-127	2	0-20	
Barium	25.00	26.27	105	24.62	98	80-120	73-127	6	0-20	
Beryllium	25.00	25.58	102	26.47	106	80-120	73-127	3	0-20	
Cadmium	25.00	26.32	105	25.58	102	80-120	73-127	3	0-20	
Chromium	25.00	26.16	105	25.47	102	80-120	73-127	3	0-20	
Cobalt	25.00	26.44	106	26.21	105	80-120	73-127	1	0-20	
Copper	25.00	27.61	110	27.51	110	80-120	73-127	0	0-20	
Lead	25.00	25.73	103	25.39	102	80-120	73-127	1	0-20	
Molybdenum	25.00	25.27	101	24.76	99	80-120	73-127	2	0-20	
Nickel	25.00	26.39	106	25.84	103	80-120	73-127	2	0-20	
Selenium	25.00	26.15	105	25.29	101	80-120	73-127	3	0-20	
Silver	12.50	13.52	108	13.38	107	80-120	73-127	1	0-20	
Thallium	25.00	24.77	99	24.59	98	80-120	73-127	1	0-20	
Vanadium	25.00	26.24	105	25.16	101	80-120	73-127	4	0-20	
Zinc	25.00	28.49	114	27.85	111	80-120	73-127	2	0-20	

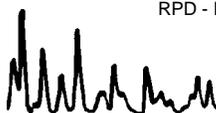
Total number of LCS compounds : 16

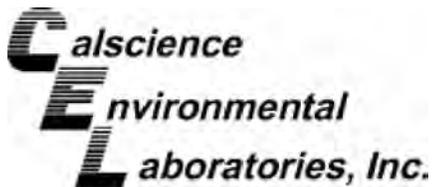
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-03-1891
Preparation: N/A
Method: EPA 7196A

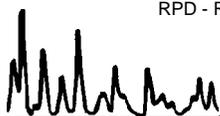
Project: New Urban West 2115 Amanda Lane, Escondido

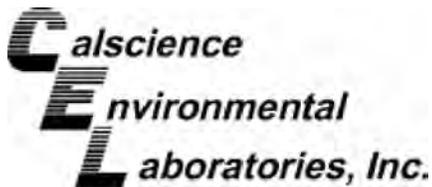
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-001-4,626	Solid	UV 8	04/11/13	04/11/13	D0411CRL2

Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	0.50	0.44	88	0.43	86	80-120	2	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-03-1891
Preparation: EPA 7471A Total
Method: EPA 7471A

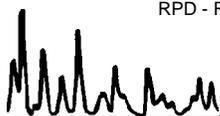
Project: New Urban West 2115 Amanda Lane, Escondido

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-9,191	Solid	Mercury	03/28/13	03/28/13	130328L02

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	0.8350	0.9310	112	0.9248	111	85-121	1	0-10	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit



WORK ORDER #: 13-03-1891

Lab Sample Number	Client Sample ID	Method	Extraction	Date/Time Analyzed	Chemist ID	Instrument	Analytical Location
1-A	L-1@1-1 1/2'	EPA 7471A	EPA 7471A T	03/28/2013 18:47	769	Mercury	1
1-A	L-1@1-1 1/2'	EPA 6020	EPA 3050B	03/28/2013 19:15	598	ICP/MS 03	1
2-A	L-2@1/2-1'	EPA 7471A	EPA 7471A T	03/28/2013 18:50	769	Mercury	1
2-A	L-2@1/2-1'	EPA 7196A	N/A	04/11/2013 15:05	687	UV 8	1
2-A	L-2@1/2-1'	EPA 6010B	T22.11.5. All	04/12/2013 20:31	469	ICP 7300	1
2-A	L-2@1/2-1'	EPA 6010B	EPA 1311	04/18/2013 16:20	469	ICP 7300	1
2-A	L-2@1/2-1'	EPA 6020	EPA 3050B	03/28/2013 19:18	598	ICP/MS 03	1
3-A	L-3@1-1 1/2'	EPA 7471A	EPA 7471A T	03/28/2013 18:52	769	Mercury	1
3-A	L-3@1-1 1/2'	EPA 6020	EPA 3050B	03/28/2013 19:21	598	ICP/MS 03	1
4-A	L-4@3/4-1 1/4'	EPA 7471A	EPA 7471A T	03/28/2013 18:54	769	Mercury	1
4-A	L-4@3/4-1 1/4'	EPA 6020	EPA 3050B	03/28/2013 19:24	598	ICP/MS 03	1
5-A	L-5@1'-1 1/2'	EPA 7471A	EPA 7471A T	03/28/2013 18:56	769	Mercury	1
5-A	L-5@1'-1 1/2'	EPA 6020	EPA 3050B	03/28/2013 19:27	598	ICP/MS 03	1
6-A	L-6@1/2'-1'	EPA 7471A	EPA 7471A T	03/28/2013 18:59	769	Mercury	1
6-A	L-6@1/2'-1'	EPA 6020	EPA 3050B	03/28/2013 19:30	598	ICP/MS 03	1

↑
Return to Contents

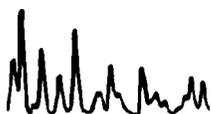
Location	Description
1	7440 Lincoln Way, Garden Grove, CA 92841

Work Order Number: 13-03-1891

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

For any analysis identified as a "field" test with a holding time (HT) \leq 15 minutes where the sample is received outside of HT, CalScience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet CalScience's internal HT, results will be appropriately qualified.





Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo
For courier service / sample drop off information,
contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

13-03-1891

Date 3-27-13

Page 1 of 1

LABORATORY CLIENT: GEOSOLS, INC.

ADDRESS: 5741 PALMER WAY

CITY: CARLSBAD STATE: CA ZIP: 92010

CLIENT PROJECT NAME / NUMBER: W.O. E6539-SC P.O. NO.: E6539-SC

NEW URBAN WEST

2115 AMANDA LANE, ESCONDIDO

PROJECT CONTACT: RYAN BOEHMER (760) 436-3155 SAMPLER(S): (PRINT) RYAN BOEHMER

rboehmer@geosolsinc.com

TEL: (760) 438-3155 E-MAIL: rboehmer@geosolsinc.com

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/147X)	Cr(VI) [7196 or 7199 or 218.6]	EPA 6020 / 7471A	
		DATE	TIME																				
1	L-1 @ 1'-1 1/2'	3/27/13	10:41 AM	SOIL	1	✓																	✓
2	L-2 @ 1/2'-1'	3/27/13	11:02 AM	SOIL	1	✓																	✓
3	L-3 @ 1'-1 1/2'	3/27/13	11:18 AM	SOIL	1	✓																	✓
4	L-4 @ 3/4'-1 1/4'	3/27/13	11:31 AM	SOIL	1	✓																	✓
5	L-5 @ 1'-1 1/2'	3/27/13	11:44 AM	SOIL	1	✓																	✓
6	L-6 @ 1/2'-1'	3/27/13	11:56 AM	SOIL	1	✓																	✓

Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>[Signature]</u>	Date: <u>03/27/13</u>	Time: <u>1315</u>
Relinquished by: (Signature) <u>[Signature]</u>	Received by: (Signature/Affiliation) <u>PAUNGLE CBL</u>	Date: <u>3/27/13</u>	Time: <u>18:00</u>
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

Richard Villafania

From: Ryan Boehmer [rboehmer@geosoilsinc.com]
Sent: Wednesday, April 10, 2013 11:49 AM
To: Richard Villafania
Cc: jfranklin@geosoilsinc.com
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

Hi Richard-

Please add the rush surcharge on the dioxin testing and perform soluble lead testing (both TCLP and STLC) on L-2 @ ½-1' (Cal Science W.O. 13-03-1891), L-2 @ 1½,' and L-7 @ 0' (Cal Science W.O. 13-04-0374). Standard 5-day TAT will work.

Thanks,

Ryan Boehmer
 GeoSoils, Inc.

Thanks, On 4/9/2013 4:36 PM, Richard Villafania wrote:

I would ship the samples out tomorrow for the Dioxin lab to receive on 4/11/13, count (3) weeks -> due 05/02/13 unless you want to pay for rush surcharge (+ 25%) and get the report in (2) weeks.

Thanks.

Richard Villafania
 Project Manager
 (714) 895-5494
[Calscience](#)

Attorney Work Product and Confidential Communication

From: John Franklin [<mailto:jfranklin@geosoilsinc.com>]
Sent: Tuesday, April 09, 2013 4:33 PM
To: Richard Villafania
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

If I were to run the dioxin test on the two samples we have running now, when would all the tests be complete?

John P. Franklin
 President

GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, California 92010
 T: (760) 438-3155
 F: (760) 931-0915 fax
www.geosoilsinc.com

Richard Villafania

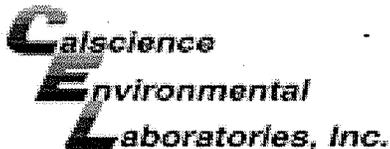
From: Ryan Boehmer [rboehmer@geosoilsinc.com]
Sent: Wednesday, April 10, 2013 4:27 PM
To: Richard Villafania
Cc: John P. Franklin
Subject: 2115 Amanda Lane

Richard-

Please also perform STLC for Copper on sample L-2 @ ½ - 1 ' (Cal Science W.O. 13-03-1891) with a standard TAT.

Thanks,

Ryan Boehmer
GeoSoils, Inc.



WORK ORDER #: 13-03-1891

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: GEO SOILS INC

DATE: 03/27/13

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 1.9 °C - 0.2 °C (CF) = 1.7 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter

Initial: BD

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A

Initial: BD

Sample _____ No (Not Intact) Not Present

Initial: JH

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____

Water: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_p 1AGB 1AGB_{na2} 1AGB_s

500AGB 500AGJ 500AGJ_s 250AGB 250CGB 250CGB_s 1PB 1PB_{na} 500PB

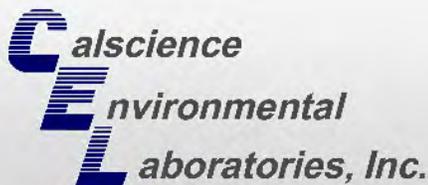
250PB 250PB_n 125PB 125PB_z 100PJ 100PJ_{na2} _____ _____ _____

Air: Tedlar® Canister Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: JH

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: TS

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure z: ZnAc₂+NaOH f: Filtered Scanned by: TS





Supplemental Report 1

Additional requested analyses have been added to the original report.



CALSCIENCE

WORK ORDER NUMBER: 13-04-0374

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: GeoSoils, Inc.

Client Project Name: 2115 Amanda Lane / W.01 E6539-SC

Attention: Ryan Boehmer
5741 Palmer Way
Carlsbad, CA 92010-7248

Approved for release on 04/17/2013 by:
Richard Villafania
Project Manager

ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any litigation which may arise.



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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 04/04/2013. They were assigned to Work Order 13-04-0374.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT \leq 15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontract Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

Work Order: 13-04-0374
Project name: 2115 Amanda Lane / W.01 E6539-SC
Received: 04/04/13 18:20

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-2@1 1/2' (13-04-0374-1)						
Lead	5.81		0.100	mg/L	EPA 6010B	T22.11.5. All
Lead	119		0.500	mg/kg	EPA 6010B	EPA 3050B
Arsenic	2.31		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	102		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	20.2		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	8.28		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	28.5		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	138		1.00	mg/kg	EPA 6020	EPA 3050B
Molybdenum	1.32		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	11.7		1.00	mg/kg	EPA 6020	EPA 3050B
Silver	1.38		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	45.9		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	194		5.00	mg/kg	EPA 6020	EPA 3050B
Mercury	0.176		0.0835	mg/kg	EPA 7471A	EPA 7471A Total
L-2@2 1/4' (13-04-0374-2)						
Lead	9.33		0.500	mg/kg	EPA 6010B	EPA 3050B

*MDL is shown.

Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

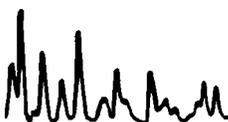
Work Order: 13-04-0374
Project name: 2115 Amanda Lane / W.01 E6539-SC
Received: 04/04/13 18:20

DETECTIONS SUMMARY

Client Sample ID

Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-7@0' (13-04-0374-3)						
Lead	7.28		0.100	mg/L	EPA 6010B	T22.11.5. All
Lead	148		0.500	mg/kg	EPA 6010B	EPA 3050B
Arsenic	1.33		1.00	mg/kg	EPA 6020	EPA 3050B
Barium	107		1.00	mg/kg	EPA 6020	EPA 3050B
Cadmium	1.21		1.00	mg/kg	EPA 6020	EPA 3050B
Chromium	21.7		2.00	mg/kg	EPA 6020	EPA 3050B
Cobalt	7.53		1.00	mg/kg	EPA 6020	EPA 3050B
Copper	38.6		1.00	mg/kg	EPA 6020	EPA 3050B
Lead	150		1.00	mg/kg	EPA 6020	EPA 3050B
Molybdenum	1.73		1.00	mg/kg	EPA 6020	EPA 3050B
Nickel	7.55		1.00	mg/kg	EPA 6020	EPA 3050B
Vanadium	49.8		2.00	mg/kg	EPA 6020	EPA 3050B
Zinc	255		5.00	mg/kg	EPA 6020	EPA 3050B
Mercury	0.108		0.0835	mg/kg	EPA 7471A	EPA 7471A Total
Naphthalene	0.44		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Phenanthrene	0.52		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Fluoranthene	0.52		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Pyrene	0.59		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Benzo (a) Anthracene	0.10		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Chrysene	0.12		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Benzo (b) Fluoranthene	0.11		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Benzo (a) Pyrene	0.14		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
Benzo (g,h,i) Perylene	0.13		0.10	mg/kg	EPA 8270C SIM PAHs	EPA 3545
L-7@1/2' (13-04-0374-4)						
Lead	43.7		0.500	mg/kg	EPA 6010B	EPA 3050B
L-7@1 1/2' (13-04-0374-5)						
Lead	5.43		0.500	mg/kg	EPA 6010B	EPA 3050B

*MDL is shown.



Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

Work Order: 13-04-0374
Project name: 2115 Amanda Lane / W.01 E6539-SC
Received: 04/04/13 18:20

DETECTIONS SUMMARY

Client Sample ID	Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-7@2 1/4' (13-04-0374-6)	Lead	9.62		0.500	mg/kg	EPA 6010B	EPA 3050B
L-8@0' (13-04-0374-7)	Lead	42.5		0.500	mg/kg	EPA 6010B	EPA 3050B
L-8@1/2' (13-04-0374-8)	Lead	16.5		0.500	mg/kg	EPA 6010B	EPA 3050B
L-9@0' (13-04-0374-9)	Lead	12.2		0.500	mg/kg	EPA 6010B	EPA 3050B
L-9@1' (13-04-0374-10)	Lead	2.55		0.500	mg/kg	EPA 6010B	EPA 3050B
L-10@3/4' (13-04-0374-11)	Lead	5.61		0.500	mg/kg	EPA 6010B	EPA 3050B
L-10@1 3/4' (13-04-0374-12)	Lead	3.53		0.500	mg/kg	EPA 6010B	EPA 3050B
L-10@2 3/4' (13-04-0374-13)	Lead	3.48		0.500	mg/kg	EPA 6010B	EPA 3050B
L-11@1/2' (13-04-0374-14)	Lead	4.16		0.500	mg/kg	EPA 6010B	EPA 3050B
L-11@1 1/4' (13-04-0374-15)	Lead	3.77		0.500	mg/kg	EPA 6010B	EPA 3050B
L-11@2 3/4' (13-04-0374-16)	Lead	2.73		0.500	mg/kg	EPA 6010B	EPA 3050B
L-12@0' (13-04-0374-17)	Lead	21.6		0.500	mg/kg	EPA 6010B	EPA 3050B
L-12@1/2' (13-04-0374-18)	Lead	24.0		0.500	mg/kg	EPA 6010B	EPA 3050B

*MDL is shown.

Client: GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248
Attn: Ryan Boehmer

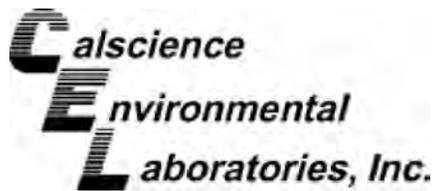
Work Order: 13-04-0374
Project name: 2115 Amanda Lane / W.01 E6539-SC
Received: 04/04/13 18:20

DETECTIONS SUMMARY

Client Sample ID	Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
L-12@1 1/2' (13-04-0374-19)	Lead	4.02		0.500	mg/kg	EPA 6010B	EPA 3050B
L-13@0' (13-04-0374-20)	Lead	9.55		0.500	mg/kg	EPA 6010B	EPA 3050B
L-13@1 1/2' (13-04-0374-21)	Lead	2.64		0.500	mg/kg	EPA 6010B	EPA 3050B
L-14@1 1/4' (13-04-0374-22)	Lead	5.89		0.500	mg/kg	EPA 6010B	EPA 3050B
L-14@1 1 1/4' (13-04-0374-23)	Lead	3.85		0.500	mg/kg	EPA 6010B	EPA 3050B
L-14@1 3/4' (13-04-0374-24)	Lead	3.66		0.500	mg/kg	EPA 6010B	EPA 3050B
L-15@1/2' (13-04-0374-25)	Lead	5.51		0.500	mg/kg	EPA 6010B	EPA 3050B
L-16@1/2' (13-04-0374-26)	Lead	4.80		0.500	mg/kg	EPA 6010B	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs
Units: mg/kg

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1 1/2'	13-04-0374-1-A	04/03/13 10:19	Solid	GC/MS AAA	04/10/13	04/12/13 17:57	130410L13

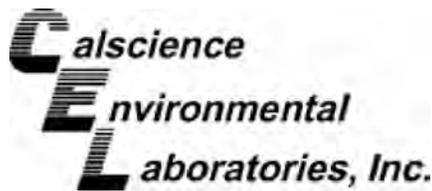
Comment(s): -The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	0.040	2		Pyrene	ND	0.040	2	
2-Methylnaphthalene	ND	0.040	2		Benzo (a) Anthracene	ND	0.040	2	
1-Methylnaphthalene	ND	0.040	2		Chrysene	ND	0.040	2	
Acenaphthylene	ND	0.040	2		Benzo (k) Fluoranthene	ND	0.040	2	
Acenaphthene	ND	0.040	2		Benzo (b) Fluoranthene	ND	0.040	2	
Fluorene	ND	0.040	2		Benzo (a) Pyrene	ND	0.040	2	
Phenanthrene	ND	0.040	2		Indeno (1,2,3-c,d) Pyrene	ND	0.040	2	
Anthracene	ND	0.040	2		Dibenz (a,h) Anthracene	ND	0.040	2	
Fluoranthene	ND	0.040	2		Benzo (g,h,i) Perylene	ND	0.040	2	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorobiphenyl	93	14-146			Nitrobenzene-d5	93	18-162		
p-Terphenyl-d14	100	34-148							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-7@0'	13-04-0374-3-A	04/03/13 12:15	Solid	GC/MS AAA	04/10/13	04/12/13 18:24	130410L13

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	0.44	0.10	5		Pyrene	0.59	0.10	5	
2-Methylnaphthalene	ND	0.10	5		Benzo (a) Anthracene	0.10	0.10	5	
1-Methylnaphthalene	ND	0.10	5		Chrysene	0.12	0.10	5	
Acenaphthylene	ND	0.10	5		Benzo (k) Fluoranthene	ND	0.10	5	
Acenaphthene	ND	0.10	5		Benzo (b) Fluoranthene	0.11	0.10	5	
Fluorene	ND	0.10	5		Benzo (a) Pyrene	0.14	0.10	5	
Phenanthrene	0.52	0.10	5		Indeno (1,2,3-c,d) Pyrene	ND	0.10	5	
Anthracene	ND	0.10	5		Dibenz (a,h) Anthracene	ND	0.10	5	
Fluoranthene	0.52	0.10	5		Benzo (g,h,i) Perylene	0.13	0.10	5	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorobiphenyl	106	14-146			Nitrobenzene-d5	106	18-162		
p-Terphenyl-d14	121	34-148							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs
Units: mg/kg

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-06-010-1,643	N/A	Solid	GC/MS AAA	04/10/13	04/12/13 11:43	130410L13

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	0.020	1		Pyrene	ND	0.020	1	
2-Methylnaphthalene	ND	0.020	1		Benzo (a) Anthracene	ND	0.020	1	
1-Methylnaphthalene	ND	0.020	1		Chrysene	ND	0.020	1	
Acenaphthylene	ND	0.020	1		Benzo (k) Fluoranthene	ND	0.020	1	
Acenaphthene	ND	0.020	1		Benzo (b) Fluoranthene	ND	0.020	1	
Fluorene	ND	0.020	1		Benzo (a) Pyrene	ND	0.020	1	
Phenanthrene	ND	0.020	1		Indeno (1,2,3-c,d) Pyrene	ND	0.020	1	
Anthracene	ND	0.020	1		Dibenz (a,h) Anthracene	ND	0.020	1	
Fluoranthene	ND	0.020	1		Benzo (g,h,i) Perylene	ND	0.020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorobiphenyl	76	14-146			Nitrobenzene-d5	80	18-162		
p-Terphenyl-d14	92	34-148							

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1 1/2'	13-04-0374-1-A	04/03/13 10:19	Solid	ICP 7300	04/05/13	04/06/13 17:36	130405L03

Parameter	Result	RL	DF	Qual	Units
Lead	119	0.500	1		mg/kg

L-2@2 1/4'	13-04-0374-2-A	04/03/13 10:57	Solid	ICP 7300	04/05/13	04/06/13 17:40	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	9.33	0.500	1		mg/kg

L-7@0'	13-04-0374-3-A	04/03/13 12:15	Solid	ICP 7300	04/05/13	04/06/13 17:41	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	148	0.500	1		mg/kg

L-7@1/2'	13-04-0374-4-A	04/03/13 11:24	Solid	ICP 7300	04/05/13	04/06/13 17:42	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	43.7	0.500	1		mg/kg

L-7@1 1/2'	13-04-0374-5-A	04/03/13 12:00	Solid	ICP 7300	04/05/13	04/06/13 17:43	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	5.43	0.500	1		mg/kg

L-7@2 1/4'	13-04-0374-6-A	04/03/13 11:49	Solid	ICP 7300	04/05/13	04/06/13 17:44	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	9.62	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-8@0'	13-04-0374-7-A	04/03/13 12:30	Solid	ICP 7300	04/05/13	04/08/13 14:46	130405L03

Parameter	Result	RL	DF	Qual	Units
Lead	42.5	0.500	1		mg/kg

L-8@1/2'	13-04-0374-8-A	04/03/13 12:24	Solid	ICP 7300	04/05/13	04/08/13 14:47	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	16.5	0.500	1		mg/kg

L-9@0'	13-04-0374-9-A	04/03/13 12:54	Solid	ICP 7300	04/05/13	04/08/13 14:47	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	12.2	0.500	1		mg/kg

L-9@1'	13-04-0374-10-A	04/03/13 13:03	Solid	ICP 7300	04/05/13	04/08/13 14:48	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	2.55	0.500	1		mg/kg

L-10@3/4'	13-04-0374-11-A	04/03/13 13:17	Solid	ICP 7300	04/05/13	04/08/13 14:49	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	5.61	0.500	1		mg/kg

L-10@1 3/4'	13-04-0374-12-A	04/03/13 13:33	Solid	ICP 7300	04/05/13	04/08/13 14:50	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	3.53	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-10@2 3/4'	13-04-0374-13-A	04/03/13 13:40	Solid	ICP 7300	04/05/13	04/08/13 14:51	130405L03

Parameter	Result	RL	DF	Qual	Units
Lead	3.48	0.500	1		mg/kg

L-11 @1/2'	13-04-0374-14-A	04/03/13 13:57	Solid	ICP 7300	04/05/13	04/08/13 14:52	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	4.16	0.500	1		mg/kg

L-11 @1 1/4'	13-04-0374-15-A	04/03/13 14:02	Solid	ICP 7300	04/05/13	04/08/13 14:53	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	3.77	0.500	1		mg/kg

L-11 @2 3/4'	13-04-0374-16-A	04/03/13 14:09	Solid	ICP 7300	04/05/13	04/08/13 14:53	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	2.73	0.500	1		mg/kg

L-12 @0'	13-04-0374-17-A	04/03/13 14:47	Solid	ICP 7300	04/05/13	04/08/13 14:56	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	21.6	0.500	1		mg/kg

L-12 @1/2'	13-04-0374-18-A	04/03/13 14:55	Solid	ICP 7300	04/05/13	04/08/13 14:57	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	24.0	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-12@1 1/2'	13-04-0374-19-A	04/03/13 15:08	Solid	ICP 7300	04/05/13	04/08/13 14:58	130405L03

Parameter	Result	RL	DF	Qual	Units
Lead	4.02	0.500	1		mg/kg

L-13@0'	13-04-0374-20-A	04/03/13 15:21	Solid	ICP 7300	04/05/13	04/08/13 14:59	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	9.55	0.500	1		mg/kg

L-13@1/2'	13-04-0374-21-A	04/03/13 15:30	Solid	ICP 7300	04/05/13	04/08/13 14:59	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	2.64	0.500	1		mg/kg

L-14@1/4'	13-04-0374-22-A	04/03/13 15:43	Solid	ICP 7300	04/05/13	04/08/13 15:00	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	5.89	0.500	1		mg/kg

L-14@1 1/4'	13-04-0374-23-A	04/03/13 15:48	Solid	ICP 7300	04/05/13	04/08/13 15:01	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	3.85	0.500	1		mg/kg

L-14@1 3/4'	13-04-0374-24-A	04/03/13 15:53	Solid	ICP 7300	04/05/13	04/08/13 15:02	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	3.66	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-15@1/2'	13-04-0374-25-A	04/03/13 16:10	Solid	ICP 7300	04/05/13	04/08/13 15:03	130405L04

Parameter	Result	RL	DF	Qual	Units
Lead	5.51	0.500	1		mg/kg

L-16@1/2'	13-04-0374-26-A	04/03/13 16:19	Solid	ICP 7300	04/05/13	04/08/13 15:03	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	4.80	0.500	1		mg/kg

Method Blank	097-01-002-16,692	N/A	Solid	ICP 7300	04/05/13	04/06/13 17:26	130405L03
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Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

Method Blank	097-01-002-16,693	N/A	Solid	ICP 7300	04/05/13	04/06/13 16:59	130405L04
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Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: T22.11.5. All
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1 1/2'	13-04-0374-1-A	04/03/13 10:19	Solid	ICP 7300	04/10/13	04/12/13 20:38	130412LA3

Parameter	Result	RL	DF	Qual	Units
Lead	5.81	0.100	1		mg/L

L-7@0'	13-04-0374-3-A	04/03/13 12:15	Solid	ICP 7300	04/10/13	04/12/13 20:39	130412LA3
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Parameter	Result	RL	DF	Qual	Units
Lead	7.28	0.100	1		mg/L

Method Blank	097-05-006-6,674	N/A	Aqueous	ICP 7300	04/10/13	04/12/13 20:10	130412LA3
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Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.100	1		mg/L

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 1311
Method: EPA 6010B

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1 1/2'	13-04-0374-1-A	04/03/13 10:19	Solid	ICP 7300	04/10/13	04/11/13 14:06	130411LA1

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Lead	ND	0.100	1		mg/L

L-7@0'	13-04-0374-3-A	04/03/13 12:15	Solid	ICP 7300	04/10/13	04/11/13 14:08	130411LA1
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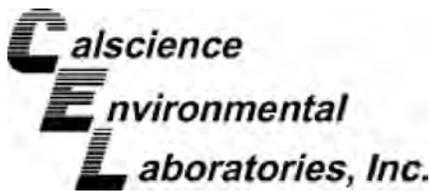
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Lead	ND	0.100	1		mg/L

Method Blank	099-14-021-820	N/A	Aqueous	ICP 7300	04/10/13	04/11/13 13:38	130411LA1
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
Lead	ND	0.100	1		mg/L

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: 2115 Amanda Lane / W.01 E6539-SC

Page 1 of 2

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
L-2@1 1/2'	13-04-0374-1-A	04/03/13 10:19	Solid	ICP/MS 03	04/09/13	04/10/13 13:15	130409L01A

Comment(s): -Mercury analysis was performed on 04/09/13 19:17 with batch 130409L02.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	0.176	0.0835	1	
Arsenic	2.31	1.00	1		Molybdenum	1.32	1.00	1	
Barium	102	1.00	1		Nickel	11.7	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	1.38	1.00	1	
Chromium	20.2	2.00	1		Thallium	ND	1.00	1	
Cobalt	8.28	1.00	1		Vanadium	45.9	2.00	1	
Copper	28.5	1.00	1		Zinc	194	5.00	1	
Lead	138	1.00	1						

L-7@0'	13-04-0374-3-A	04/03/13 12:15	Solid	ICP/MS 03	04/09/13	04/10/13 13:18	130409L01A
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Comment(s): -Mercury analysis was performed on 04/09/13 19:20 with batch 130409L02.

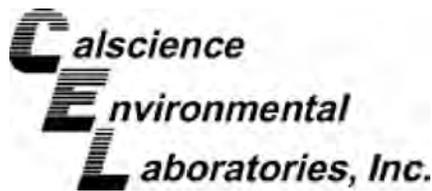
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Mercury	0.108	0.0835	1	
Arsenic	1.33	1.00	1		Molybdenum	1.73	1.00	1	
Barium	107	1.00	1		Nickel	7.55	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	1.21	1.00	1		Silver	ND	1.00	1	
Chromium	21.7	2.00	1		Thallium	ND	1.00	1	
Cobalt	7.53	1.00	1		Vanadium	49.8	2.00	1	
Copper	38.6	1.00	1		Zinc	255	5.00	1	
Lead	150	1.00	1						

Method Blank	099-15-621-198	N/A	Solid	ICP/MS 03	04/09/13	04/09/13 20:51	130409L01A
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	2.00	1		Lead	ND	1.00	1	
Arsenic	ND	1.00	1		Molybdenum	ND	1.00	1	
Barium	ND	1.00	1		Nickel	ND	1.00	1	
Beryllium	ND	1.00	1		Selenium	ND	1.00	1	
Cadmium	ND	1.00	1		Silver	ND	1.00	1	
Chromium	ND	2.00	1		Thallium	ND	1.00	1	
Cobalt	ND	1.00	1		Vanadium	ND	2.00	1	
Copper	ND	1.00	1		Zinc	ND	5.00	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Return to Contents



Analytical Report



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6020 / EPA 7471A
Units: mg/kg

Project: 2115 Amanda Lane / W.01 E6539-SC

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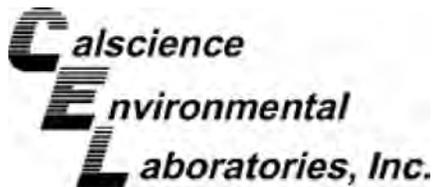
Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-04-007-9,219	N/A	Solid	Mercury	04/09/13	04/09/13 18:26	130409L02

Comment(s): -Preparation/analysis for Mercury was performed by EPA 7471A.

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0835	1	

Return to Contents

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project 2115 Amanda Lane / W.01 E6539-SC

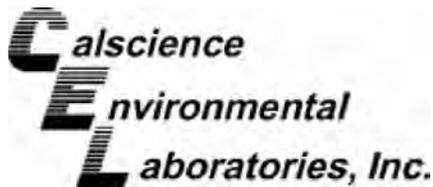
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
L-2@1 1/2'	Solid	ICP 7300	04/05/13	04/06/13	130405S03

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	118.5	25.00	197.9	4X	150.1	4X	75-125	4X	0-20	Q

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

Project 2115 Amanda Lane / W.01 E6539-SC

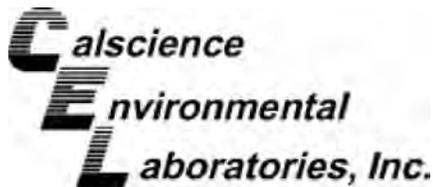
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0221-1	Solid	ICP 7300	04/05/13	04/06/13	130405S04

<u>Parameter</u>	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	86.58	25.00	113.6	108	123.7	149	75-125	9	0-20	3

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: T22.11.5. All
Method: EPA 6010B

Project 2115 Amanda Lane / W.01 E6539-SC

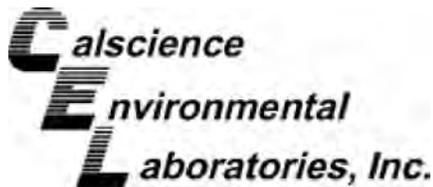
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0862-1	Aqueous	ICP 7300	04/12/13	04/12/13	130412SA3

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	ND	5.000	5.344	107	5.331	107	75-125	0	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 1311
Method: EPA 6010B

Project 2115 Amanda Lane / W.01 E6539-SC

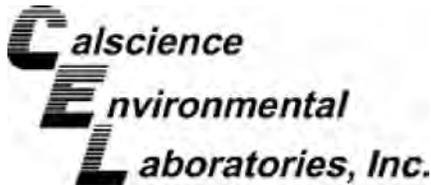
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0497-1	Solid	ICP 7300	04/10/13	04/11/13	130411SA1

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	ND	5.000	5.303	106	5.413	108	84-120	2	0-7	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6020

Project 2115 Amanda Lane / W.01 E6539-SC

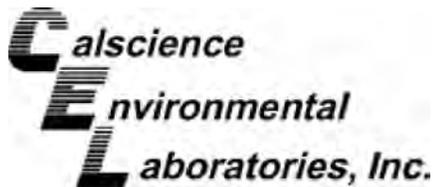
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0291-3	Sediment	ICP/MS 03	04/09/13	04/09/13	130409S01

Parameter	SAMPLE CONC	SPIKE ADDED	MS CONC	MS %REC	MSD CONC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	8.422	34	9.260	37	80-120	9	0-20	3
Arsenic	4.427	25.00	29.75	101	29.80	102	80-120	0	0-20	
Barium	22.39	25.00	49.47	108	51.75	117	80-120	4	0-20	
Beryllium	ND	25.00	27.49	110	26.43	106	80-120	4	0-20	
Cadmium	0.2404	25.00	25.93	103	25.60	101	80-120	1	0-20	
Chromium	20.15	25.00	43.85	95	46.70	106	80-120	6	0-20	
Cobalt	5.649	25.00	30.59	100	30.30	99	80-120	1	0-20	
Copper	15.64	25.00	40.10	98	40.70	100	80-120	1	0-20	
Lead	10.59	25.00	35.68	100	36.64	104	80-120	3	0-20	
Molybdenum	ND	25.00	22.55	90	22.88	92	80-120	1	0-20	
Nickel	21.60	25.00	47.42	103	47.44	103	80-120	0	0-20	
Selenium	0.1132	25.00	23.04	92	23.65	94	80-120	3	0-20	
Silver	ND	12.50	12.82	103	12.82	103	80-120	0	0-20	
Thallium	ND	25.00	24.98	100	25.57	102	80-120	2	0-20	
Vanadium	20.74	25.00	45.50	99	47.00	105	80-120	3	0-20	
Zinc	35.92	25.00	65.66	119	62.85	108	80-120	4	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - PDS / PDSO



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6020

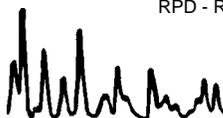
Project 2115 Amanda Lane / W.01 E6539-SC

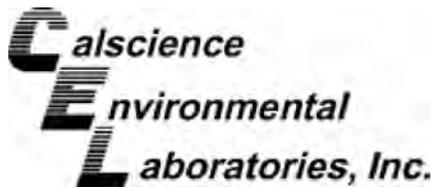
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSO Batch Number
13-04-0291-3	Sediment	ICP/MS 03	04/09/13	04/09/13	130409S01

Parameter	SAMPLE CONC	SPIKE ADDED	PDS CONC	PDS %REC	%REC CL	Qualifiers
Antimony	ND	25.00	25.94	104	75-125	
Arsenic	4.427	25.00	30.18	103	75-125	
Barium	22.39	25.00	49.28	108	75-125	
Beryllium	ND	25.00	26.58	106	75-125	
Cadmium	0.2404	25.00	25.14	100	75-125	
Chromium	20.15	25.00	44.73	98	75-125	
Cobalt	5.649	25.00	30.71	100	75-125	
Copper	15.64	25.00	41.11	102	75-125	
Lead	10.59	25.00	36.40	103	75-125	
Molybdenum	ND	25.00	24.80	99	75-125	
Nickel	21.60	25.00	46.88	101	75-125	
Selenium	0.1132	25.00	22.97	91	75-125	
Silver	ND	12.50	11.21	90	75-125	
Thallium	ND	25.00	25.91	104	75-125	
Vanadium	20.74	25.00	45.49	99	75-125	
Zinc	35.92	25.00	62.26	105	75-125	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: 04/04/13
Work Order No: 13-04-0374
Preparation: EPA 7471A Total
Method: EPA 7471A

Project 2115 Amanda Lane / W.01 E6539-SC

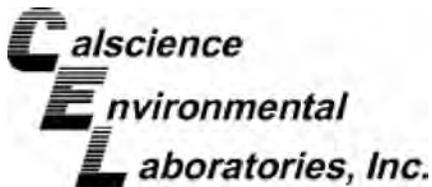
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0634-1	Solid	Mercury	04/09/13	04/09/13	130409S02

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	ND	0.8350	0.7680	92	0.7603	91	71-137	1	0-14	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

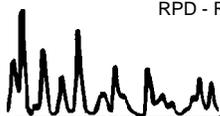
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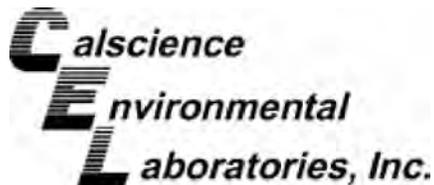
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-16,692	Solid	ICP 7300	04/05/13	04/06/13	130405L03

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	25.00	26.25	105	26.03	104	80-120	1	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6010B

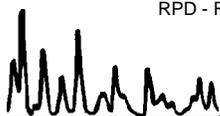
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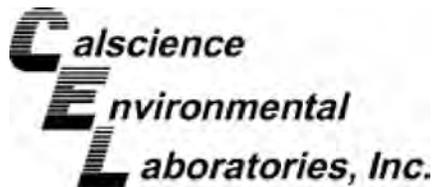
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-16,693	Solid	ICP 7300	04/05/13	04/06/13	130405L04

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	25.00	26.20	105	25.93	104	80-120	1	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: T22.11.5. All
Method: EPA 6010B

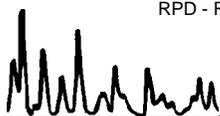
Project: 2115 Amanda Lane / W.01 E6539-SC

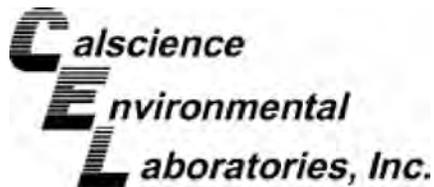
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-05-006-6,674	Aqueous	ICP 7300	04/10/13	04/15/13	130412LA3

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	5.000	5.278	106	5.086	102	80-120	4	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 1311
Method: EPA 6010B

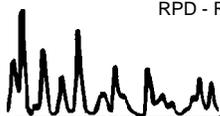
Project: 2115 Amanda Lane / W.01 E6539-SC

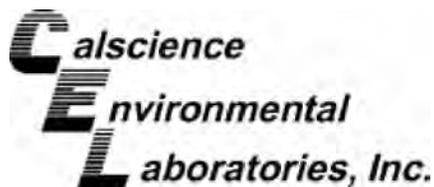
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-021-820	Aqueous	ICP 7300	04/10/13	04/11/13	130411LA1

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	5.000	5.364	107	5.260	105	80-120	2	0-20	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 3050B
Method: EPA 6020

Project: 2115 Amanda Lane / W.01 E6539-SC

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number					
099-15-621-198	Solid	ICP/MS 03	04/09/13	04/09/13	130409L01A					
Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Antimony	25.00	25.31	101	25.10	100	80-120	73-127	1	0-20	
Arsenic	25.00	24.93	100	24.54	98	80-120	73-127	2	0-20	
Barium	25.00	24.79	99	24.63	99	80-120	73-127	1	0-20	
Beryllium	25.00	26.69	107	26.80	107	80-120	73-127	0	0-20	
Cadmium	25.00	24.80	99	24.25	97	80-120	73-127	2	0-20	
Chromium	25.00	26.46	106	26.32	105	80-120	73-127	1	0-20	
Cobalt	25.00	27.43	110	26.85	107	80-120	73-127	2	0-20	
Copper	25.00	27.85	111	27.30	109	80-120	73-127	2	0-20	
Lead	25.00	24.95	100	25.35	101	80-120	73-127	2	0-20	
Molybdenum	25.00	24.64	99	24.69	99	80-120	73-127	0	0-20	
Nickel	25.00	27.10	108	26.84	107	80-120	73-127	1	0-20	
Selenium	25.00	24.63	99	24.60	98	80-120	73-127	0	0-20	
Silver	12.50	11.15	89	10.92	87	80-120	73-127	2	0-20	
Thallium	25.00	24.83	99	24.74	99	80-120	73-127	0	0-20	
Vanadium	25.00	25.39	102	25.16	101	80-120	73-127	1	0-20	
Zinc	25.00	27.59	110	27.21	109	80-120	73-127	1	0-20	

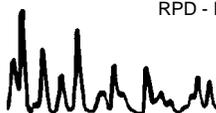
Total number of LCS compounds : 16

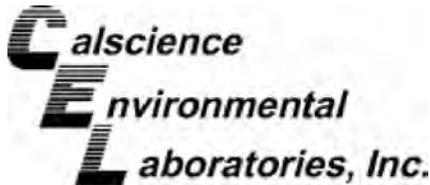
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 7471A Total
Method: EPA 7471A

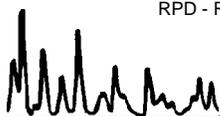
Project: 2115 Amanda Lane / W.01 E6539-SC

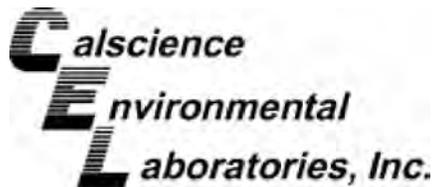
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-9,219	Solid	Mercury	04/09/13	04/09/13	130409L02

Parameter	<u>SPIKE ADDED</u>	<u>LCS CONC</u>	<u>LCS %REC</u>	<u>LCSD CONC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	0.8350	0.8276	99	0.8298	99	85-121	0	0-10	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



GeoSoils, Inc.
5741 Palmer Way
Carlsbad, CA 92010-7248

Date Received: N/A
Work Order No: 13-04-0374
Preparation: EPA 3545
Method: EPA 8270C SIM PAHs

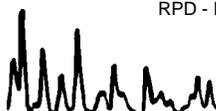
Project: 2115 Amanda Lane / W.01 E6539-SC

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number					
099-06-010-1,643	Solid	GC/MS AAA	04/10/13	04/11/13	130410L13					
Parameter	SPIKE ADDED	LCS CONC	LCS %REC	LCSD CONC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Naphthalene	0.2000	0.1703	85	0.1716	86	64-118	55-127	1	0-20	
2-Methylnaphthalene	0.2000	0.1665	83	0.1744	87	55-127	43-139	5	0-20	
1-Methylnaphthalene	0.2000	0.1713	86	0.1778	89	57-129	45-141	4	0-21	
Acenaphthylene	0.2000	0.1689	84	0.1738	87	36-132	20-148	3	0-20	
Acenaphthene	0.2000	0.1711	86	0.1724	86	61-121	51-131	1	0-20	
Fluorene	0.2000	0.1697	85	0.1763	88	56-128	44-140	4	0-20	
Phenanthrene	0.2000	0.1871	94	0.1890	94	56-122	45-133	1	0-20	
Anthracene	0.2000	0.1677	84	0.1730	86	11-119	0-137	3	0-21	
Fluoranthene	0.2000	0.2200	110	0.2273	114	56-122	45-133	3	0-20	
Pyrene	0.2000	0.2513	126	0.2479	124	57-129	45-141	1	0-21	
Benzo (a) Anthracene	0.2000	0.2112	106	0.2199	110	49-127	36-140	4	0-20	
Chrysene	0.2000	0.1963	98	0.1991	100	60-126	49-137	1	0-20	
Benzo (k) Fluoranthene	0.2000	0.2018	101	0.1981	99	54-138	40-152	2	0-22	
Benzo (b) Fluoranthene	0.2000	0.2067	103	0.2201	110	46-136	31-151	6	0-24	
Benzo (a) Pyrene	0.2000	0.2012	101	0.2109	105	40-148	22-166	5	0-22	
Indeno (1,2,3-c,d) Pyrene	0.2000	0.2217	111	0.2321	116	43-163	23-183	5	0-22	
Dibenz (a,h) Anthracene	0.2000	0.1880	94	0.2018	101	45-153	27-171	7	0-20	
Benzo (g,h,i) Perylene	0.2000	0.2254	113	0.2323	116	38-140	21-157	3	0-20	

Total number of LCS compounds : 18
 Total number of ME compounds : 0
 Total number of ME compounds allowed : 1
 LCS ME CL validation result : Pass

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit



WORK ORDER #: 13-04-0374

Lab Sample Number	Client Sample ID	Method	Extraction	Date/Time Analyzed	Chemist ID	Instrument	Analytical Location
1-A	L-2@1 1/2'	EPA 6010B	EPA 3050B	04/6/2013 17:36	469	ICP 7300	1
1-A	L-2@1 1/2'	EPA 7471A	EPA 7471A T	04/9/2013 19:17	769	Mercury	1
1-A	L-2@1 1/2'	EPA 6010B	T22.11.5. All	04/12/2013 20:38	469	ICP 7300	1
1-A	L-2@1 1/2'	EPA 8270C SIM PA	EPA 3545	04/12/2013 17:57	449	GC/MS AA	1
1-A	L-2@1 1/2'	EPA 6010B	EPA 1311	04/11/2013 14:06	469	ICP 7300	1
1-A	L-2@1 1/2'	EPA 6020	EPA 3050B	04/10/2013 13:15	598	ICP/MS 03	1
2-A	L-2@2 1/4'	EPA 6010B	EPA 3050B	04/6/2013 17:40	469	ICP 7300	1
3-A	L-7@0'	EPA 6010B	EPA 3050B	04/6/2013 17:41	469	ICP 7300	1
3-A	L-7@0'	EPA 7471A	EPA 7471A T	04/9/2013 19:20	769	Mercury	1
3-A	L-7@0'	EPA 6010B	T22.11.5. All	04/12/2013 20:39	469	ICP 7300	1
3-A	L-7@0'	EPA 8270C SIM PA	EPA 3545	04/12/2013 18:24	449	GC/MS AA	1
3-A	L-7@0'	EPA 6010B	EPA 1311	04/11/2013 14:08	469	ICP 7300	1
3-A	L-7@0'	EPA 6020	EPA 3050B	04/10/2013 13:18	598	ICP/MS 03	1
4-A	L-7@1/2'	EPA 6010B	EPA 3050B	04/6/2013 17:42	469	ICP 7300	1
5-A	L-7@1 1/2'	EPA 6010B	EPA 3050B	04/6/2013 17:43	469	ICP 7300	1
6-A	L-7@2 1/4'	EPA 6010B	EPA 3050B	04/6/2013 17:44	469	ICP 7300	1
7-A	L-8@0'	EPA 6010B	EPA 3050B	04/8/2013 14:46	469	ICP 7300	1
8-A	L-8@1/2'	EPA 6010B	EPA 3050B	04/8/2013 14:47	469	ICP 7300	1
9-A	L-9@0'	EPA 6010B	EPA 3050B	04/8/2013 14:47	469	ICP 7300	1
10-A	L-9@1'	EPA 6010B	EPA 3050B	04/8/2013 14:48	469	ICP 7300	1
11-A	L-10@3/4'	EPA 6010B	EPA 3050B	04/8/2013 14:49	469	ICP 7300	1
12-A	L-10@1 3/4'	EPA 6010B	EPA 3050B	04/8/2013 14:50	469	ICP 7300	1
13-A	L-10@2 3/4'	EPA 6010B	EPA 3050B	04/8/2013 14:51	469	ICP 7300	1
14-A	L-11@1/2'	EPA 6010B	EPA 3050B	04/8/2013 14:52	469	ICP 7300	1
15-A	L-11@1 1/4'	EPA 6010B	EPA 3050B	04/8/2013 14:53	469	ICP 7300	1
16-A	L-11@2 3/4'	EPA 6010B	EPA 3050B	04/8/2013 14:53	469	ICP 7300	1
17-A	L-12@0'	EPA 6010B	EPA 3050B	04/8/2013 14:56	469	ICP 7300	1
18-A	L-12@1/2'	EPA 6010B	EPA 3050B	04/8/2013 14:57	469	ICP 7300	1
19-A	L-12@1 1/2'	EPA 6010B	EPA 3050B	04/8/2013 14:58	469	ICP 7300	1
20-A	L-13@0'	EPA 6010B	EPA 3050B	04/8/2013 14:59	469	ICP 7300	1
21-A	L-13@1/2'	EPA 6010B	EPA 3050B	04/8/2013 14:59	469	ICP 7300	1
22-A	L-14@1/4'	EPA 6010B	EPA 3050B	04/8/2013 15:00	469	ICP 7300	1
23-A	L-14@1 1/4'	EPA 6010B	EPA 3050B	04/8/2013 15:01	469	ICP 7300	1
24-A	L-14@1 3/4'	EPA 6010B	EPA 3050B	04/8/2013 15:02	469	ICP 7300	1
25-A	L-15@1/2'	EPA 6010B	EPA 3050B	04/8/2013 15:03	469	ICP 7300	1
26-A	L-16@1/2'	EPA 6010B	EPA 3050B	04/8/2013 15:03	469	ICP 7300	1

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Location	Description
1	7440 Lincoln Way, Garden Grove, CA 92841

Work Order Number: 13-04-0374

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

For any analysis identified as a "field" test with a holding time (HT) \leq 15 minutes where the sample is received outside of HT, CalScience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet CalScience's internal HT, results will be appropriately qualified.





Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo

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WO # / LAB USE ONLY

13-04-0374

Date 4-3-13

Page 1 of 3

LABORATORY CLIENT:
GEOSOILS, INC.

ADDRESS:
5741 PALMER WAY, SUITES CANO D

CITY: **CARLSBAD** STATE: **CA** ZIP: **92010**

CLIENT PROJECT NAME / NUMBER:
2115 AMANDA LANE / ^{W.O.:} EG539-SC

PROJECT CONTACT:
RYAN BOEHMER

SAMPLER(S): (PRINT)
RYAN BOEHMER

TEL: **(760)438-3155** E-MAIL: **rboehmer@geosoilsinc.com**

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INTIAL LEAD TESTING

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010 B/C) ^{DISSOLUTION} 3050B	
		DATE	TIME																				
1	L-2 @ 1 1/2'	4-3-13	10:19AM	SOIL	802 1																	/	
2	L-2 @ 2 1/4'	4-3-13	10:57AM	SOIL	802 1																		/
3	L-7 @ 0'	4-3-13	12:15pm	SOIL	802 1																		/
4	L-7 @ 1/2'	4-3-13	11:24AM	SOIL	802 1																		/
5	L-7 @ 1 1/2'	4-3-13	12:00pm	SOIL	802 1																		/
6	L-7 @ 2 1/4'	4-3-13	11:49AM	SOIL	802 1																		/
7	L-8 @ 0'	4-3-13	12:30pm	SOIL	802 1																		/
8	L-8 @ 1/2'	4-3-13	12:24pm	SOIL	802 1																		/
9	L-9 @ 0'	4-3-13	12:54pm	SOIL	802 1																		/
10	L-9 @ 1'	4-3-13	1:03pm	SOIL	802 1																		/

Relinquished by: (Signature) *[Signature]*

Relinquished by: (Signature) *[Signature]*

Relinquished by: (Signature) *[Signature]*

Received by: (Signature/Affiliation) *[Signature]*

Received by: (Signature/Affiliation) **DANNYLE COZ**

Received by: (Signature/Affiliation)

Date: **04/04/13** Time: **1355**

Date: **4/4/13** Time: **18:20**

Date: Time:

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY
13-04-0374

Date 4-3-13
Page 2 of 3

LABORATORY CLIENT: GeoSoils, Inc		CLIENT PROJECT NAME / NUMBER: 2115 AMANDA LANE / E6539-5C		P.O. NO.: E6539-5C	
ADDRESS: 5741 PALMER WAY, SUITES C AND D		PROJECT CONTACT: RYAN BOEHMER		SAMPLER(S): (PRINT) RYAN BOEHMER	
CITY: CARLSBAD STATE: CA ZIP: 92010					

TEL: **(909) 438-3155** E-MAIL: **rboehmer@geosoilsinc.com**

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INITIAL LEAD TESTING

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010BK)	DELTASTEON (3050B)
		DATE	TIME																				
11	L-10 @ 3/4'	4-3-13	1:17pm	SOEL	402																		
12	L-10 @ 2 1/4'	4-3-13	1:33pm	SOEL	402																		
13	L-10 @ 2 3/4'	4-3-13	1:40pm	SOEL	402																		
14	L-11 @ 1/2'	4-3-13	1:57pm	SOEL	402																		
15	L-11 @ 1 1/4'	4-3-13	2:02pm	SOEL	402																		
16	L-11 @ 2 3/4'	4-3-13	2:09pm	SOEL	402																		
17	L-12 @ 0'	4-3-13	2:47pm	SOEL	402																		
18	L-12 @ 1/2'	4-3-13	2:55pm	SOEL	402																		
19	L-12 @ 1 1/2'	4-3-13	3:08pm	SOEL	402																		
20	L-13 @ 0'	4-3-13	3:21pm	SOEL	402																		

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 4/4/13	Time: 1355
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) banuyle cor	Date: 4/4/13	Time: 18:20
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation)	Date:	Time:

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY
04-0374

Date 4-3-13
Page 3 of 3

LABORATORY CLIENT: GeoSoils, Inc.		CLIENT PROJECT NAME / NUMBER: 2115 AMANDA LANE / W.O. / E6539-SC		W.O. NO.: E6539-SC
ADDRESS: 5741 PALMER WAY, SUITES C AND D		PROJECT CONTACT: RYAN BOEHMER		SAMPLER(S): (PRINT) RYAN BOEHMER
CITY CARLSBAD	STATE CA	ZIP 92010		

TEL: **(760) 438-3155** E-MAIL: **rboehmer@geosoilsinc.com**

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR STANDARD

COELT EDF GLOBAL ID LOG CODE

REQUESTED ANALYSES

SPECIAL INSTRUCTIONS:
HOLD ALL SAMPLES FOR FUTURE TESTING AFTER INITIAL LEAD TESTING IS COMPLETE

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010B/C) DIGESTION (3050B)	
		DATE	TIME																				
21	L-13 @ 1/2'	4-3-13	3:30PM	SOIL	402 / 1																	/	
22	L-14 @ 1/4'	4-3-13	3:43PM	SOIL	402 / 1																		/
23	L-14 @ 1 1/4'	4-3-13	3:48PM	SOIL	402 / 1																		/
24	L-14 @ 1 3/4'	4-3-13	3:53PM	SOIL	402 / 1																		/
25	L-15 @ 1/2'	4-3-13	4:10PM	SOIL	402 / 1																		/
26	L-16 @ 1/2'	4-3-13	4:19PM	SOIL	402 / 1																		/
27	L-17 @ 0'	4-3-13	5:19PM	SOIL	402 / 1																		/
28	L-17 @ 1'	4-3-13	5:26PM	SOIL	402 / 1																		/
29	L-17 @ 2'	4-3-13	5:33PM	SOIL	402 / 1																		/

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: 04/04/13	Time: 1355
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature/Affiliation) DANNYLE CUA	Date: 4/4/13	Time: 18:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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Richard Villafania

From: John Franklin [jfranklin@geosoilsinc.com]
Sent: Tuesday, April 09, 2013 2:10 PM
To: Richard Villafania
Cc: rboehmer@geosoilsinc.com
Subject: Re: 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374 Final Report

Richard,

Please acknowledge your receipt of this email and instructions for further testing. We want to run Title 22 metals EPA Method 6020/7471 and 8270/D SIM (PAH's) on the two samples that came back with elevated lead; i.e., L-2 @ 1 1/2 ' (lab sample no. 1-A), and L-7 @ 0' (lab sample no. 3-A). This would be a standard 5 day turnaround.

Thank you,

John

John P. Franklin
President

GeoSoils, Inc.

5741 Palmer Way
Carlsbad, California 92010
T: (760) 438-3155
F: (760) 931-0915 fax
www.geosoilsinc.com

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P Please consider the environment before printing this e-mail

On 4/9/2013 12:31 PM, Richard Villafania wrote:

Ryan,

Please advise on any additional analyses soonest.

Thanks.

Richard Villafania



7440 Lincoln Way

Richard Villafania

From: Ryan Boehmer [rboehmer@geosoilsinc.com]
Sent: Wednesday, April 10, 2013 11:49 AM
To: Richard Villafania
Cc: jfranklin@geosoilsinc.com
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

Hi Richard-

Please add the rush surcharge on the dioxin testing and perform soluble lead testing (both TCLP and STLC) on L-2 @ ½-1' (Cal Science W.O. 13-03-1891), L-2 @ 1½,' and L-7 @ 0' (Cal Science W.O. 13-04-0374). Standard 5-day TAT will work.

Thanks,

Ryan Boehmer
 GeoSoils, Inc.

Thanks, On 4/9/2013 4:36 PM, Richard Villafania wrote:

I would ship the samples out tomorrow for the Dioxin lab to receive on 4/11/13, count (3) weeks -> due 05/02/13 unless you want to pay for rush surcharge (+ 25%) and get the report in (2) weeks.

Thanks.

Richard Villafania
 Project Manager
 (714) 895-5494
[Calscience](#)

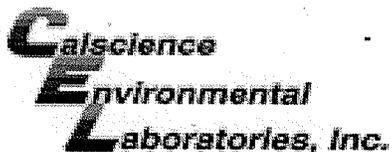
Attorney Work Product and Confidential Communication

From: John Franklin [<mailto:jfranklin@geosoilsinc.com>]
Sent: Tuesday, April 09, 2013 4:33 PM
To: Richard Villafania
Subject: Re: Additional tests for 2115 Amanda Lane / W.01 E6539-SC / CEL 13-04-0374

If I were to run the dioxin test on the two samples we have running now, when would all the tests be complete?

John P. Franklin
 President

GeoSoils, Inc.
 5741 Palmer Way
 Carlsbad, California 92010
 T: (760) 438-3155
 F: (760) 931-0915 fax
www.geosoilsinc.com



WORK ORDER #: 13-04-0374

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: GEASOILS, INC

DATE: 04/04/13

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C - 6.0°C, not frozen except sediment/tissue)

Temperature 1.8°C - 0.2°C (CF) = 1.6°C [x] Blank [] Sample

[] Sample(s) outside temperature criteria (PM/APM contacted by: _____).

[] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

[x] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [] Air [] Filter

Initial: [Signature]

CUSTODY SEALS INTACT:

[] Cooler [] _____ [] No (Not Intact) [x] Not Present [] N/A

[] Sample [] _____ [] No (Not Intact) [x] Not Present

Initial: [Signature]

Initial: [Signature]

SAMPLE CONDITION:

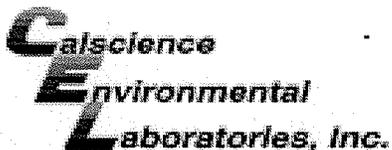
Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, etc.

CONTAINER TYPE:

Solid: [x] 4ozCGJ [x] 8ozCGJ [] 16ozCGJ [] Sleeve () [] EnCores® [] TerraCores® [] _____
Water: [] VOA [] VOA h [] VOAn2 [] 125AGB [] 125AGBh [] 125AGBp [] 1AGB [] 1AGBna2 [] 1AGBs
[] 500AGB [] 500AGJ [] 500AGJs [] 250AGB [] 250CGB [] 250CGBs [] 1PB [] 1PBna [] 500PB
[] 250PB [] 250PBn [] 125PB [] 125PBz nna [] 100PJ [] 100PJna2 [] _____ [] _____ [] _____

Air: [] Tedlar® [] Canister Other: [] _____ Trip Blank Lot#: _____ Labeled/Checked by: [Signature]
Reviewed by: [Signature]
Scanned by: [Signature]





WORK ORDER #: 13-04-0374

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

- Sample(s) NOT RECEIVED but listed on COC
- Sample(s) received but NOT LISTED on COC
- Holding time expired – list sample ID(s) and test
- Insufficient quantities for analysis – list test
- Improper container(s) used – list test
- Improper preservative used – list test
- No preservative noted on COC or label – list test & notify lab
- Sample labels illegible – note test/container type
- Sample label(s) do not match COC – Note in comments
 - Sample ID
 - Date and/or Time Collected
 - Project Information
 - # of Container(s)
 - Analysis
- Sample container(s) compromised – Note in comments
 - Water present in sample container
 - Broken
- Sample container(s) not labeled
- Air sample container(s) compromised – Note in comments
 - Flat
 - Very low in volume
 - Leaking (Not transferred - duplicate bag submitted)
 - Leaking (transferred into Calscience Tedlar® Bag*)
 - Leaking (transferred into Client's Tedlar® Bag*)
- Other: _____

Comments:

SAMPLES NOT RECEIVED:

(-27) L-17 @ 0'

(-28) L-17 @ 1'

(-29) L-17 @ 2'

HEADSPACE – Containers with Bubble > 6mm or 1/4 inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

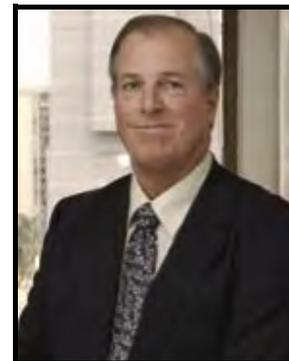
Initial / Date: ps 04/04/13



APPENDIX H

RESUMES

JOHN P. FRANKLIN
PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1975, University of Southern California, Los Angeles

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 4100
State of California, Certified Engineering Geologist, No. 1340
State of California, Certified Hydrogeologist, No. 532
State of California, Registered Environmental Assessor, No. 1675
State of Arizona, Registered Geologist, No. 27157
State of Oregon, Registered Engineering Geologist, No. E1411
40-Hour/8-Hour Refresher Health and Safety Training for Hazardous Waste Operations

EXPERIENCE

Principal Geologist, GeoSoils, Inc., California
Senior Project Geologist, Owen Geotechnical, San Diego, California
Staff to Project Geologist, Leighton and Associates, San Diego, California
Staff Geologist, R. F. Smith Corporation, Long Beach, California
Staff Geologist, Petro-Tec, Anchorage, Alaska
Staff Geologist, Geological Engineering Service, Inc., Gardena, California

Mr. Franklin has extensive experience in geologic and geophysical investigations in such diverse areas as California, Utah, Nevada, Alaska, Baja California, and mainland Mexico, as well as offshore areas of California. He has performed detailed geotechnical work throughout southern California, including Los Angeles, Orange, Ventura, San Bernardino, Riverside, San Diego, and Imperial counties, as well as Kern County, and Mono County in northeastern California. This experience includes using soil stratigraphy and erosion/sedimentation rates for evaluating active and potentially active fault investigations on the San Andreas, San Jacinto, Elsinore, Chino, Cucamonga, Indio Hills, Rose Canyon - Newport-Inglewood, La Nacion, Camarillo, Pinto Mountain, Mesquite Lake, Walker Lake, and Mono Lake faults; debris flow, landslide and slope stability investigations; stability investigations for mines and open-pit mines; seismicity studies; subsidence and fissuring investigations; rippability/rock hardness evaluations; solar projects in the Mojave Desert; DEIR studies; forensic investigations throughout southern California, including ports/piers; and expert witness services. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, dams and retention basins, feasibility studies, coastal bluff stability, septic, infiltration, hazardous waste, and groundwater projects in southern California and Mexico. Mr. Franklin has been the project manager and principal investigator on geotechnical studies and grading for several large residential projects throughout San Diego, Riverside, San Bernardino and Kern counties, several high-rise commercial and residential projects in downtown San Diego, custom single-family residences throughout southern California and Los Angeles County, including beach and hillside areas, military bases at Camp Pendleton and Twentynine Palms, and roadways with infrastructure and condominiums on Catalina Island. Many projects included water tanks and reservoirs, park sites and other amenities such as clubhouses, lakes, golf courses, etc., as well as flood control channels, bridges, and cut and cover tunnels. Mr. Franklin has also been the project manager/principal investigator of oil and gas projects that include drill rig pads and substructures, associated storage tanks, and transmission pipelines. These project sites have included active oil and gas fields in Huntington Beach, Dominguez Hills, the Port of Long Beach, and Commerce, as well as DEIR studies in Dominguez Hills.

Mr. Franklin also has performed numerous Phase I and Phase II Environmental Site Assessments, and Site Characterizations for developers, real estate transfers, and bank loan requirements. Project sites have included existing gas stations, mines, shooting ranges, clandestine explosive manufacturing, nurseries, groves, schools, commercial and industrial complexes, and residential properties.

PROFESSIONAL AFFILIATIONS AND HONORS

Association of Engineering Geologists	Geological Society of America
Seismological Society of America	Past-President, San Diego Association of Geologists
Inland Geological Society	American Association of Petroleum Geologists
National Water Well Association	Sigma Gamma Epsilon (National Honorary Earth Science Fraternity)
Roy J. Shlemon Distinguished Mentor in Applied Geosciences Program, GSA, 2005	

PUBLICATIONS

Paleoseismic Features Exposed by Trenching the Lowest Coastal Terrace at Carlsbad, California, *in* AAPG Pacific Section Guidebook, June 19-22, 2002, Long Beach, California.
Paleoseismology of Blind and Offshore Faults, North Coast San Diego County, California USA, *in* Proceedings, The 11th ICSDEE and 3rd ICEGE, 7th-9th January, 2004, University of California, Berkeley.

RYAN B. BOEHMER
STAFF GEOLOGIST



EDUCATION

Bachelors of Science in Geology, 1997, University of Delaware

EXPERIENCE

Staff Geologist, GeoSoils, Inc., Carlsbad, California, 2001 to Present
Engineering Field Technician, GeoSoils, Inc., Carlsbad, California, 1999 to 2001

Mr. Boehmer's experience includes management of surface and subsurface explorations to ascertain geotechnical conditions as they pertain to future commercial, residential, and highway development, and evaluation of distressed buildings/residences.

This includes background research and review, aerial photography review and analysis, surface and subsurface geologic mapping, drilling, sampling, and testing in the field to ascertain soil, bedrock, and groundwater conditions, geotechnical cross-section preparation and analysis, evaluation and analysis of soil, bedrock, and groundwater laboratory test data, report writing and review, including findings, conclusions, and recommendations of favorable and unfavorable geotechnical conditions. This experience includes active and inactive fault analysis, soil stratigraphy logging, landslide location and analysis, and cut/fill slope stability, as well as initial rough and precise grading plan review of future development with emphasis on geotechnical advantages and constraints, report writing and review, including findings, conclusions, and recommendations, as well as forensic investigations. In addition, field inspection, geologic mapping and analysis of collected data associated with cut/fill manufactured slopes, subdrain installations, soil removals, and cut/fill transition lots and roadways within lands undergoing the ingrating phase of development has also been performed. Water percolation testing analysis of test data, and design of sewage disposal systems for future residential development is also included in Mr. Boehmer's experience. Laboratory assignments for the determination of classification, expansion, direct shear, maximum density, etc., are further included in Mr. Boehmer's repertoire.