



Type of Services | Phase I Environmental Site Assessment

Location 44-Acre Parkside Trails Property

Stevens Canyon Road Cupertino, California

Client David J. Powers & Associates

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Project Number 118-40-1

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Table of Contents

SECTION 1: INTRODUCTION	1
1.1 DESCRIPTION OF PLANNED PROJECT	1
1.2 PURPOSE	
1.3 SCOPE OF WORK	
1.4 ASSUMPTIONS	2
1.5 ENVIRONMENTAL PROFESSIONAL	
SECTION 2: SITE DESCRIPTION	
2.1 LOCATION AND OWNERSHIP	
2.2 CURRENT/PROPOSED USE OF THE PROPERTY	_
2.3 SITE SETTING AND ADJOINING SITE USE	
SECTION 3: USER PROVIDED INFORMATION	
3.1 CHAIN OF TITLE	
3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS	4
3.3 SPECIALIZED KNOWLEDGE AND/OR COMMONLY KNOWN OR	
REASONABLY ASCERTAINABLE INFORMATION	4
3.4 REASON FOR PERFORMING PHASE I ENVIRONMENTAL SITE	
ASSESSMENT	4
SECTION 4: RECORDS REVIEW	
4.1 PRIOR REPORTS	
4.1.1 Site History	
4.1.2 Former On-Site Landfill	
4.1.3 Geotechnical Study	
4.2 STANDARD ENVIRONMENTAL RECORD SOURCES	
4.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES	
4.3.1 City and County Agency File Reviews and Additional Research	
SECTION 5: PHYSICAL SETTING	
5.1 RECENT USGS TOPOGRAPHIC MAP	
5.2 GEOLOGY AND HYDROGEOLOGY	
SECTION 6: HISTORICAL USE INFORMATION	
6.1 HISTORICAL SUMMARY OF SITE	12
6.2 HISTORICAL SUMMARY OF SITE VICINITY	
SECTION 7: SITE RECONNAISSANCE	
7.1 METHODOLOGY AND LIMITING CONDITIONS	
7.2 OBSERVATIONS	
7.2.1 Site Photographs	
SECTION 8: INTERVIEWS	
8.1 ENVIRONMENTAL QUESTIONNAIRE / CURRENT OWNER INTERVIEW	
8.2 INTERVIEWS WITH PREVIOUS OWNERS AND OCCUPANTS	
SECTION 9: CONCLUSIONS (FINDINGS) AND RECOMMENDATIONS	
9.1 HISTORICAL SITE USAGE 9.2 CHEMICAL STORAGE AND USE	
9.3 AGRICULTURAL USE	
9.4 FORMER LANDFILL 9.5 FILL MATERIAL AND SITE MANAGEMENT PLAN	21
9.6 IMPORTED SOIL	22
9.8 DATA GAPS	ZZ



9.9 DATA FAILURES	23
9.10 RECOGNIZED ENVIRONMENTAL CONDITIONS	
SECTION 10: LIMITATIONS	24
APPENDIX A - DATABASE SEARCH REPORT	1
APPENDIX B - HISTORIC AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAP	S1
APPENDIX C - LOCAL STREET DIRECTORY SEARCH RESULTS	2
APPENDIX D - QUESTIONNAIRE	3
APPENDIX E – PRIOR REPORTS	4
FIGURE 1 – VICINITY MAP FIGURE 2 – SITE PLAN	
APPENDIX A – DATABASE SEARCH REPORT	
APPENDIX B – HISTORIC AERIAL PHOTOGRAPHS AND MAPS	
APPENDIX C – LOCAL STREET DIRECTORY SEARCH RESULTS	
APPENDIX D – QUESTIONNAIRE	
APPENDIX E – PRIOR REPORTS	



Type of Services Location Phase I Environmental Site Assessment 44-Acre Parkside Trails Property Stevens Canyon Road Cupertino, California

SECTION 1: INTRODUCTION

This report presents the results of the Phase I Environmental Site Assessment (ESA) performed at an approximately 44-acre site located east of Stevens Canyon Road and south of Ricardo Road in Cupertino, California (Site) as shown on Figures 1 and 2. This work was performed for David J. Powers & Associates in accordance with our December 18, 2012 Agreement (Agreement). Cornerstone Earth Group, Inc. (Cornerstone) understands that David J. Powers & Associates is assisting the City of Cupertino (City) and preparing an Initial Study (IS) that evaluates the environmental effects of the proposed project in accordance with the California Environmental Quality Act (CEQA) and City of Cupertino standards.

1.1 DESCRIPTION OF PLANNED PROJECT

The Site consists of approximately 44 acres of undeveloped land located adjacent to existing residential developments, Stevens Creek County Park and Fremont Older Open Space Preserve. We understand that the Site owner, Parkside Trails, LLC, is proposing to dedicate 35 acres of the Site as Open Space and is requesting General Plan and Zoning amendments to allow development of 18 homes on the remaining 9 acres that are located on the northern portion of the Site. The 35 acres to be dedicated as open space would consist of approximately 2.5 acres along Steven's Creek that could become part of the City's Stevens Creek Corridor project and approximately 32.5 acres to be dedicated to County of Santa Clara Parks or the Midpenisula Regional Open Space District.

1.2 PURPOSE

The scope of work presented in the Agreement was prepared in general accordance with ASTM E 1527-05 titled, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM Standard). The ASTM Standard is in general compliance with the Environmental Protection Agency (EPA) rule titled, "Standards and Practices for All Appropriate Inquiries; Final Rule" (AAI Rule). The purpose of this Phase I ESA is to strive to identify, to the extent feasible pursuant to the scope of work presented in the Agreement, Recognized Environmental Conditions at the property.

As defined by ASTM E 1527-05, the term Recognized Environmental Condition means the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water on the property.



1.3 SCOPE OF WORK

As presented in our Agreement, the scope of work performed for this Phase I ESA included the following:

- A reconnaissance of the Site to note readily observable indications of significant hazardous materials releases to structures, soil or ground water.
- Drive-by observation of adjoining properties to note readily apparent hazardous materials activities that have or could significantly impact the Site.
- Acquisition and review of a regulatory agency database report of public records for the general area of the Site to evaluate potential impacts to the Site from reported contamination incidents at nearby facilities.
- Review of readily available information on file at selected governmental agencies to help evaluate past and current Site use and hazardous materials management practices.
- Review of readily available maps and aerial photographs to help evaluate past and current Site uses.
- Preparation of a written report summarizing our findings and recommendations.

The limitations for the Phase I ESA are presented in Section 10.

1.4 ASSUMPTIONS

In preparing this Phase I ESA, Cornerstone assumed that all information received from interviewed parties is true and accurate. In addition, we assumed that all records obtained by other parties, such as regulatory agency databases, maps, related documents and environmental reports prepared by others are accurate and complete. We also assumed that the boundaries of the Site, based on information provided by David J. Powers & Associates, are as shown on Figure 2. We have not independently verified the accuracy or completeness of any data received.

1.5 ENVIRONMENTAL PROFESSIONAL

This Phase I ESA was performed by Stason I. Foster, P.E. and Kurt M. Soenen, P.E., environmental professionals who meet the ASTM E 1527-05 qualifications.

SECTION 2: SITE DESCRIPTION

This section describes the Site as of the date of this Phase I ESA. The location of the Site is shown on Figures 1 and 2. Tables 1 through 3 summarize general characteristics of the Site and adjoining properties. The Site is described in more detail in Section 7, based on our on-Site observations.



2.1 LOCATION AND OWNERSHIP

Table 1 describes the physical location, and ownership of the property, based on information provided by David J. Powers & Associates and the Site owner.

Table 1. Location and Ownership

Assessor's Parcel No. (APN)	351-10-043 & 351-10-028 (1.52-acres)
Reported Address/Location	No reported address
Owner	Parkside Trails, LLC
Approximate Lot Size	43.957 acres
Approximate Bldg. Size	Not Applicable

2.2 CURRENT/PROPOSED USE OF THE PROPERTY

The current and proposed uses of the property are summarized in Table 2.

Table 2. Current and Proposed Uses

Current Use	Undeveloped land
Proposed Use	Residential development and open space

2.3 SITE SETTING AND ADJOINING SITE USE

Land use in the general Site vicinity appears to be a mix of residential and undeveloped property. Based on our Site vicinity reconnaissance, adjoining Site uses are summarized below in Table 3.

Table 3. Adjoining Site Uses

North	Residential
South	Fremont Older Open Space Preserve
East	Residential and undeveloped land (former McDonald-Dorsa
	Quarry)
West	Stevens Creek County Park

SECTION 3: USER PROVIDED INFORMATION

The ASTM standard defines the User as the party seeking to use a Phase I ESA to evaluate the presence of Recognized Environmental Conditions associated with a property. For the purpose of this Phase I ESA, the User is David J. Powers & Associates.

3.1 CHAIN OF TITLE

A chain-of-title was not provided for our review.



3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No information regarding environmental liens or activity and use limitations (AULs) was provided for our review.

3.3 SPECIALIZED KNOWLEDGE AND/OR COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The ASTM Standard requires that if the User is aware of any specialized knowledge and/or commonly known or reasonably ascertainable information within the local community about the Site that is material to Recognized Environmental Conditions, such as environmental liens, a significantly lower purchase price due to the property being affected by hazardous materials, or other conditions that are material to Recognized Environmental Conditions in connection with the Site, it is the User's responsibility to communicate such information to the environmental professional. Based on information provided by or discussions with David J. Powers & Associates, we understand that David J. Powers & Associates does not have such specialized knowledge and/or commonly known or reasonably ascertainable information regarding the Site.

3.4 REASON FOR PERFORMING PHASE I ENVIRONMENTAL SITE ASSESSMENT

We performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions at the Site. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions at the Site.

SECTION 4: RECORDS REVIEW

4.1 PRIOR REPORTS

To help evaluate the presence of Recognized Environmental Conditions at the Site, Cornerstone reviewed and relied upon the documents listed in Table 4. The reports by Dames & Moore and Berlogar were provided by the Site owner, Parkside Trails, LLC. Additionally, Cornerstone contacted Mr. John (Yash) Nyznyk of CDM Smith and obtained copies of three documents that were previously prepared by CDM (Camp Dresser & McKee, Inc.). The provided CDM documents consisted only of text; Mr. Nyznyk indicated that no referenced figures or attachments, or other associated documents could be located. Please note that Cornerstone cannot be liable for the accuracy of the information presented in these documents. Significant information presented in the documents is summarized below; copies of the documents are attached in Appendix E.



Table 4. Prior Reports

Date	Author	Title
November 22, 1999a	Dames & Moore	Phase I Environmental Site Assessment Update, McDonald Dorsa Property, Cupertino, California
November 22, 1999b	Dames & Moore	Site Restoration Report, McDonald Dorsa Property, Cupertino, California.
February 7, 2001	Berlogar Geotechnical Consultants	Preliminary Geotechnical Investigation, Canyon Heights, LLC Project, Stevens Canyon Road, Cupertino, California.
January 15, 1999a	Camp Dresser & McKee, Inc.	Site Restoration Plan PH Properties Site, Stevens Canyon Road near Ricardo Road, Cupertino, California
May 5, 1999b	Camp Dresser & McKee, Inc.	Summary of Findings PH Property Development Company Site Stevens Canyon Road near Ricardo Road Cupertino, California
September 8, 1999c	Camp Dresser & McKee, Inc.	Final Removal Action Report PH Property Development Company Site Stevens Canyon Road near Ricardo Road Cupertino, California
January 23, 2013	Holman & Associates	Archaeological Literature Review for the Parkside Trails Residential Project, Cupertino, Santa Clara County, California.

4.1.1 Site History

The Phase I ESA report by Dames & Moore (1999a) was prepared for a 130 acre property that includes the Site, as well as adjacent land to the east. Based on the information reviewed, the Site and easterly adjacent property were formerly part of the McDonald-Dorsa quarry and have historically been primarily undeveloped. Gravel mining operations historically occurred at the quarry.

Dames & Moore reported that the primary entrance to the Site off of Stevens Canyon Road is a former haul road for the quarry. This on-Site road was reportedly paved, although in poor condition, and extended to a former crossing of Stevens Creek. The bridge formerly crossing the creek had been removed. Horse stables were reportedly located on-Site in the 1980s.

As part of the archaeological literature review, Mr. James Guidotti, who has lived adjacent to the property since the 1940s, was interviewed. According to Mr. Guidotti, the property reportedly contained a winery and a retreat run by the Jesuits in the early 1900s at which time vineyards and the olive trees were planted on the hills above the creek. The quarry reportedly was developed by the Guy F. Atkinson company to provide fill for the extension of the runways at Moffett Field. Mr. Guidotti recalled remnants of vineyards inside the 9 acres considered for residential development, but stated that this area never contained buildings and/or historic features.

4.1.2 Former On-Site Landfill

In 1996, Dames & Moore obtained anecdotal information from neighbors indicating that the northwestern portion of the Site operated as an unregistered landfill during the 1960s and



1970s. To determine if this information was accurate, PH Property Development Company (a former Site owner) contracted with Dames & Moore to conduct an investigation in an attempt to identify the existence of a former landfill. A geophysical investigation consisting of a magnetometer survey, electric resistivity survey and seismic refraction profiling was conducted by a subcontractor to Dames & Moore (JR Associates, 1997). The results of this investigation reportedly revealed that an approximately one acre portion of the Site had formerly functioned as an unregistered landfill; the geophysical data suggested that landfill materials were present to a depth of approximately 30 feet, representing the filling of a former natural ravine (JR Associates, 1997 as cited in Dames & Moore, 1999b).

An initial attempt to characterize the former landfill reportedly was conducted by Brown, Vence and Associates, Inc. (BVA), consultants to the City, by means of a trenching and analytical program (BVA, 1998). The BVA report was not provided for review by Cornerstone. Dames & Moore (1999b) reported that the BVA investigation concluded that the landfill materials contained total lead concentrations ranging up to 980 milligrams per kilogram (mg/kg). Soluble lead concentrations reportedly exceeded the Soluble Threshold Limit Concentration (STLC) for lead. The STLC is the level above which a waste is classified as hazardous as defined by Title 22 of the California Code of Regulations. The source of the lead was unknown but presumed by the City to be primarily related to street sweepings containing leaded gasoline residues (Dames & Moore, 1999b). The Site reportedly was used by the City primarily for the disposal of construction debris, street sweepings, and green wastes (CDM, 1999b).

The City reportedly took lead responsibility for cleaning up and remediating the former landfill, and conducted a series of investigations to characterize its contents as well as its lateral and vertical extent. The City retained CDM to develop a Removal Action Workplan to clean up the former landfill. The Removal Action Workplan reportedly was approved by the County of Santa Clara, Department of Environmental Health (SCCDEH) and remediation activities commenced on September 15, 1998 (Dames & Moore, 1999b). The work reportedly involved excavation and off-Site disposal of landfill materials as well as environmental sampling and analysis to demonstrate completion of remedial activities; it was conducted in accordance with an Environmental Cleanup Agreement between the City and the prior property owner (Owner) dated September 26, 1997 (Dames & Moore, 1999a). CDM (1999b) reported that approximately 25,045 tons of fill were excavated and transported to Chemical Waste Management Inc.'s Kettleman Hills Facility, Kettleman City, California for disposal as a California hazardous waste in September and October 1998. Confirmatory and background soil samples collected from 49 locations within the excavation and four locations outside of the excavation, respectively, reportedly identified one area at the northwest end of the excavation with detectable concentrations of organochlorine pesticides, polynuclear aromatic hydrocarbons (PAHs), and total petroleum hydrocarbons (TPH), and containing total lead concentrations in excess of background levels (CDM, 1999c). On July 21, 1999, an additional 275 tons of fill were excavated from the northwest area and later disposed at the Kettleman Hills Facility. The material reportedly was removed from the excavation as far as the residential property line located north, and the Stevens Canyon Road right-of-way located west of the area (CDM, 1999c).

As noted above, confirmatory soil samples were collected at 49 locations within the excavation (PE-1 through PE-33 and DM-1 through DM-16) (CDM, 1999b). Background soil samples (BKG-1 through BKG-4) were taken from four locations outside of the excavation for comparison purposes. The samples were analyzed for lead, volatile organic compounds (VOCs), TPH, PAHs, organochlorine pesticides (OCPs), chlorinated herbicides, and polychlorinated biphenyls



(PCBs). Data tables and laboratory reports were not provided for review by Cornerstone; however, CDM (1999b) described the sampling results as follows:

- Lead: Of the 49 confirmatory soil samples analyzed for lead, four samples exceeded the maximum background concentration of 20 mg/kg. Three of the four lead exceedences (DM-1, DM-2 and DM-6) occurred in sidewall samples collected from fill at the northwest end of the excavation; the sidewall from which these samples were collected reportedly was over-excavated to the property line and street right-of-way during Site restoration activities (CDM, 1999c). The remaining lead exceedence, 31 mg/kg at PE-8, was not repeated in a second sample, PE-8-2, collected at the same location. The lead concentration in PE-8-2 measured 7.6 mg/kg. Note that the California Human Health Screening Level (CHHSL) for lead in soil at a residential property is 80 mg/kg.
- VOCs: No VOCs were detected above laboratory detection limits in 17 of 20 confirmatory samples tested. Sample PE-17 contained maximum VOC concentrations of 0.400 mg/kg; the VOC analytes detected in the sample were not provided. No VOCs were detected in subsequent samples collected at the same location (PE-17B-0.5, PE-17B-2.0, and PE-17C). Two samples, DM-8 and DM-15, contained relatively low concentrations of acetone (56 and 26 ug/kg, respectively); no other VOCs were detected in either of these two samples. The residential RSL for acetone is 61,000 mg/kg.

The greatest concentrations of VOCs detected on-Site were found at one background sample location, BKG-4B. 1,2,4-Trimethylbenzene reportedly was detected at BKG-4B at 5.3 mg/kg; no other information was provided indicating whether other VOCs were detected in the soil sample. No VOCs were detected in a subsequent sample collected at the same location (BKG-4-2). The residential RSL for 1,2,4-Trimethylbenzene is 62 mg/kg.

- TPH: The maximum TPH concentration detected, 250 mg/kg as motor oil in sample PE-3, was collected from sidewall fill near the northwest end of the excavation; the fill material in this sidewall reportedly was later removed during Site restoration activities (CDM, 1999c). Excluding samples collected in remaining fill, which was later removed, the maximum detected TPH concentration was 3.3 mg/kg as motor oil in sample DM-15. The residential ESL for TPH as motor oil is 370 mg/kg.
- PAHs and OCPs: Two of 20 confirmatory samples tested contained concentrations of PAHs and OCPs. Both samples (PE-1 and PE-3) were collected from sidewall fill

CHHSLs, RSLs, and ESLs are used to screen properties for potential human health concerns where releases of chemicals to soil have occurred. Under most circumstances, the presence of a chemical in soil below the corresponding CHHSL, RSL, or ESL can be assumed not to pose a significant risk to human health. A chemical exceeding the CHHSL, RSL, or ESL does not indicate that adverse impacts to human health are occurring or will occur but suggests that further evaluation of potential health concerns is warranted.

¹ For comparison purposes, the Cornerstone compared the analytical results of the confirmatory and background soil samples to California Human Health Screening Levels (CHHSLs) developed by the California Environmental Protection Agency (CalEPA) (CalEPA, September 2005; updated September 2010). Additional screening levels were used to evaluate potential soil impacts for chemicals detected but for which CHHSLs are not available. These screening levels include Regional Screening Levels (RSLs) and Environmental Screening Levels (ESLs) established by the U.S. EPA Region 9 (USEPA, 2012) and San Francisco Bay Regional Water Quality Control Board (RWQCB, 2008), respectively. ESLs were used in the event that both CHHSLs and RSLs are not established.



near the northwest end of the excavation; the fill this material in this sidewall reportedly was later removed during Site restoration activities (CDM, 1999c). The maximum PAH concentration detected was 0.024 mg/kg of pyrene in PE-1. The residential RSL for pyrene is 1,700 mg/kg.

The maximum OCP concentration detected was 0.870 mg/kg of 4,4'-DDE in PE-1. The residential CHHSL for 4,4'-DDE is 1.6 mg/kg. The California hazardous Total Threshold Limit Concentration (TTLC) for total DDT (sum of DDE, DDT, and DDD) is 1 mg/kg. No information was provided regarding other OCPs detected in the soil samples.

 Herbicides and PCBs: No chlorinated herbicides or PCBs reportedly were detected above laboratory detection limits.

Two additional confirmatory soil samples, PE-50 and PE-51, were collected by CDM from the bottom of the excavation following removal of fill from the northwest area in July 1999 (CDM, 1999c). Lead was detected at both PE-50 and PE-51 in concentrations of 37 mg/kg and 22 mg/kg, respectively. Low levels of TPH as diesel were detected at PE-50 (1.1 mg/kg) and PE-51 (1.4 mg/kg), with TPH as motor oil also detected in PE-51 (14 mg/kg). Neither sample contained detectable concentrations of VOCs, TPH as gasoline, PAHs, OCPs, chlorinated herbicides, or PCBs.

Upon completion of remediation work in 1998, a Site Restoration Plan was developed by Brian Kangas Foulk, Consulting Engineers (BKF) on behalf of the Owner. Dames & Moore reportedly provided environmental and geotechnical consulting services to the Owner during the remediation and restoration processes. After submittal of confirmation sampling data to the SCCDEH in a December 17, 1998 transmittal, the SCCDEH reportedly approved the initiation of Site restoration activities in a December 23, 1998 letter. The approval letter was not provided for review by Cornerstone, but was referenced by Dames & Moore (1999b) as follows: *County of Santa Clara, Environmental Resources Agency, Department of Environmental Health, 1998, Response to Request for Approval to Initiate Site Restoration Activities, for PH Properties Site in Cupertino, December 23.*

Site restoration work reportedly consisted of the placement of fill materials imported from: a nearby construction project; material developed by on-Site cutting and reworking of excavated slopes; as well as material from the nearby Stevens Creek Quarry (Dames & Moore, 1999b). Approximately 1,500 cubic yards were reportedly placed in the excavation as engineered fill by the City under the direction of CDM. Restoration activities were suspended in mid November 1998 due to inclement weather. CDM (1999a) reported that analytical testing of fill source materials (*i.e.*, imported material and soil generated from on-Site slope cutting) was performed and that test results indicated that these materials were not adversely impacted with contaminants. The laboratory results were not provided for review by Cornerstone.

Prior to resuming site restoration activities in 1999, CDM submitted a request (i.e., CDM, 1995b) to the California Regional Water Quality Control Board (RWQCB) for concurrence that a ground water investigation was not warranted, based on the physical properties of the Site, the local ground water regime, and the results of the landfill excavation and confirmatory testing program (Dames & Moore, 1999b). Dames & Moore (1999b) stated that the RWQCB concurred, in a letter dated May 20, 1999, that a ground water investigation was not warranted.



In the spring of 1999, the Owner reportedly decided to complete Site restoration activities, and to regrade the Site to its approximate post-landfill configuration, rather than that of the former ravine. This work was completed between July 12 and July 30, 1999 and included the placement of 17,500 cubic yards of engineered fill. The project specifications required compaction of the fill to at least 90% of the maximum dry density as measured by ASTM D-1557 (Dames & Moore, 1999b). Soil samples of the fill imported in 1999 reportedly were analyzed for TPH by EPA Method 8015M; VOCs by EPA Method 8260; OCPs and PCBs by EPA Method 8080/8082; Chlorinated Herbicides by EPA Method 8150; PAHs by EPA Method 8270; and total Lead by EPA Method 6010. These analytes were not detected (Dames & Moore, 1999b). Although not provided in the Dames & Moore report, analytical test data for fill material imported during 1998 was reportedly contained in a report by CDM dated December 17, 1998. Dames & Moore concluded that the analytical results for fill placed in 1998 and 1999 indicated that the imported fill was non-hazardous and suitable for the development of residential properties.

Mr. Mohammed Janjua of the SCCDEH reportedly provided oversight of landfill remediation and restoration activities (Dames & Moore, 1999a). CDM reportedly sent to Mr. Janjua letters, reports, work plans, and data concerning the landfill remediation project and Mr. Janjua reportedly approved the work plans and the work conducted by CDM on behalf of the City.

On September 8, 1999, CDM, on behalf of the City, submitted a Final Removal Action Report to the SCCDEH, in which CDM reported that, based on sampling data and field visual observations, it was CDM's opinion that "the non-native material was successfully removed and that no further action is required by the City or any other party at the Site." CDM requested that the SCCDEH provide written concurrence. A concurrence had not been received from the SCCDEH at the time of the Dames & Moore report (1999b). Note, however, that as described above, the SCCDEH reportedly provided approval to initiate Site restoration work. This approval appears to suggest that the SCCDEH was satisfied that the prior remedial activities (*i.e.*, debris removal) had been adequately competed.

Dames & Moore (1999b) concluded that "the former presence of the landfill should not constitute an environmental constraint to the development of this property for residential usage."

4.1.3 Geotechnical Study

The purpose of the 2001 geotechnical investigation by Berlogar was to assess the feasibility of a proposed school development on the Site and adjacent property to the east. The work performed included excavation of 26 backhoe test pits to investigate the existing fill located at the former quarry floor (mainly located on easterly adjacent property, but partially located on-Site). Test pits were excavated with a backhoe to depths ranging from 2 to 14 feet below the existing ground surface. Four of 26 test pits were excavated on-Site. The four test pits excavated on-Site appear to have been located on the ridgeline to the south of the former horse stables and within the former quarry floor area.

Berlogar mapped six areas of fill on the northern portion of the Site that appear to generally correspond to the locations of the former landfill, on-Site access road and former bridge at Stevens Creek. An area of fill also was shown at the location of what appears to have been a former on-Site vehicle parking area, based on aerial photographs reviewed by Cornerstone (see Section 6.1). The depth of the fill in these areas was not reported by Berlogar. Additionally, no exploratory test pits were reported to have been excavated in these areas. Berloger noted that



based on visual observations (presumably of exposed soil at the surface), some of these fills appear to contain "significant amounts of debris".

Berlogar also documented several areas of fill (to depths of greater than 13 feet) within the former quarry floor area and stated that it appeared that the fill was placed during the previous quarry operation. Most of quarry floor area is located off-Site to the east, however, a portion extends onto the Site.

The fill within the former quarry floor area was described by Berlogar as "clayey gravel to gravelly clay containing minor amounts of debris, such as metal rods, glass bottles and occasional tree trunks". Based on our review of the test pit logs, fill containing debris was noted in the test pits that were excavated east of the Site.

Fill to an approximate depth of 12 feet was reported in test pit TP-22, which was located in the former quarry floor area, approximately on the eastern Site boundary. Steep slopes, landslides and nearby faults also were identified by Berlogar.

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

Cornerstone contracted with a firm specializing in the computerized search of environmental regulatory databases to evaluate the likelihood of contamination incidents at and near the Site. The databases and search distances were in general accordance with the requirements of ASTM E 1527-05. A list of the database sources reviewed, a description of the sources, and a radius map showing the location of reported facilities relative to the project Site are presented in Appendix A. The Site was not listed in any of the regulatory databases researched.

Based on the information presented in the agency database report, no off-Site spill incidents were reported that appear likely to significantly impact soil or ground water beneath the Site. The potential for impact was based on our interpretation of the types of incidents, the location of the reported incidents in relation to the Site and the assumed ground water flow direction.

4.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following additional sources of readily ascertainable public information for the Site also were reviewed during this Phase I ESA.

4.3.1 City and County Agency File Reviews and Additional Research

Cornerstone requested available files pertaining to the Site at the following public agencies; the Cupertino Building Department (CBD), Santa Clara County Fire Department (SCCFD), and SCCDEH. No files pertaining to the Site were identified in public records available at the CBD. Similarly, representatives of the SCCFD and SCCDEH indicated that no files were available for the Site.

As described in Section 4.1, both the City of Cupertino and SCCDEH appear to have been involved with prior landfill remediation activities at the Site. Following the SCCDEH's initial response to our records request, Cornerstone provided Ms. Rina Banks of the SCCDEH with information regarding the County's prior involvement and reported oversight by Mr. Mohammed Janjua. Ms. Banks forwarded the information to Mr. Jim Blamey, SCCDEH Hazardous Materials Program Director, and Mr. Chris Rummel, Senior Environmental Health Specialist with the SCCDEH Solid Waste Program. Mr. Blamey and Mr. Rummel indicated that Mr.



Mohammed Janjua is no longer employed by the SCCDEH, but was an employee during at the time of the reported landfill mitigation activities (1998/1999). Neither Mr. Blamey nor Mr. Rummel were familiar with the prior remedial activities and no prior records were located.

We also understand that David J. Powers & Associates requested records pertaining to the prior landfill from the City of Cupertino and the current Site owner, and that no records were identified except for the reports provided by the owner listed above in Table 4.

SECTION 5: PHYSICAL SETTING

We reviewed readily available geologic and hydrogeologic information to evaluate the likelihood that chemicals of concern released on a nearby property could pose a significant threat to the Site and/or its intended use.

5.1 RECENT USGS TOPOGRAPHIC MAP

A recent USGS 7.5 minute topographic map was reviewed to evaluate the physical setting of the Site. The Site's elevation ranges from approximately 360 feet (at Stevens Creek) to approximately 800 feet along the ridgeline on the southern portion of the Site. The northern portion of the Site generally slopes downward to the southeast towards Steven Creek, which bisects the Site. Steeper slopes (sloping downward towards Stevens Creek, the quarry floor and/or natural ravines) are present on other portions of the Site.

5.2 GEOLOGY AND HYDROGEOLOGY

Based on our experience and the provided geotechnical report (Berlogar, 2001), ground water depths at the Site are expected to be variable based on surface topography. Ground water within a few feet of the ground surface would be expected at locations near Stevens Creek and areas within the quarry floor, while deeper ground water depths would be expected at higher elevations such has ridgelines and the quarry rim. The ground water flow directions would typically be expected to follow local surface topography.

Based on readily available maps reviewed by Cornerstone's certified engineering geologist, the Site and immediate vicinity are underlain by Quaternary age sediments belonging to the Santa Clara Formation which is in fault contact or laps onto older Franciscan Complex bedrock units to the west and southwest. These earth materials are unlikely to contain serpentinite or other ultramafic rock with naturally occurring asbestos (NOA). The nearest outcrop of bedrock that could potentially contain NOA ("sheared rock" or mélange) is located approximately 0.6 miles to the west on the far side of the Stevens Creek Reservoir.

SECTION 6: HISTORICAL USE INFORMATION

The objective of the review of historical use information is to develop a history of the previous uses of the Site and surrounding area in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions at the property. The ASTM standard requires the identification of all obvious uses of the property from the present back to the property's first developed use, or back to 1940, whichever is earlier, using reasonably ascertainable standard historical sources.



6.1 HISTORICAL SUMMARY OF SITE

The historical sources reviewed are summarized below. The results of our review of these sources are summarized in Table 5.

- Historical Aerial Photographs: We reviewed aerial photographs dated 1939, 1948, 1956, 1968, 1972, 1982, 1991, 1999, 2005 and 2006 obtained from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. Additional aerial photographs that show part of the Site were obtained from Pacific Aerial Surveys in Oakland, California; these were dated 1950, 1960, 1963, 1966, 1968, 1971, 1976, and 1999. Copies of the aerial photographs reviewed are presented in Appendix B.
- **Historical Topographic Maps:** We reviewed USGS 15-minute and 7.5-minute historic topographic maps dated 1899, 1902, 1943, 1947, 1948, 1953, 1961, 1968, 1973, 1980 and 1991; copies of historic topographic maps reviewed are presented in Appendix B.
- Historical Fire Insurance Maps: EDR reported that the Site was not within the coverage area of fire insurance maps.
- Local Street Directories: We reviewed city directories obtained from EDR that were
 dated at approximately 5 year intervals from 1970 to 2010 to obtain information
 pertaining to past Site occupants; the city directory summary is presented in Appendix C.
 The Site was not identified on the city directories researched.



Table 5. Summary of Historical Source Information for Site

Date	Source	Comment
1899 and 1902	Topographic maps	The Site appears to consist mostly of undeveloped land. A few small structures, typical of residences or associated outbuildings, are depicted on or near the Site.
1939, 1948 and 1950	Aerial photographs	Portions of the Site appear to be undeveloped and forested, while other on-Site areas appear to be utilized for agricultural purposes (vineyards and/or orchards). What appears to be a shed or small barn is shown on the northwest portion of the Site on the 1948 and 1950 aerial photographs.
1943, 1947 and 1948	Topographic maps	The Site appears to consist mainly of undeveloped land.
1953	Topographic map	The Site appears to consist mainly of undeveloped land. Agricultural use is depicted on portions of the Site.
1956 and 1960, 1963 and 1968	Aerial photographs	An access road is shown on-Site extending from Stevens Canyon Road to a quarry. A portion of the quarry is located on the eastern part of the Site, but most is located on easterly adjacent property. Portions of the Site appear to still be used for agricultural purposes (vineyards and/or orchards).
1961, 1968, 1973 and 1980	Topographic maps	An access road (extending from Stevens Canyon Road) and gravel pit are depicted on-Site. Agricultural use is depicted on portions of the Site and overhead electrical transmission lines are shown to traverse the southern portion of the Site.
1971, 1972, 1976 and 1982	Aerial photographs	What appear to be horse corrals and associated structures are shown on-Site on the south side of Stevens Creek. Nearby, on the north side of the creek, several small structures or trailers are apparent along with a vehicle parking area (located adjacent to the Site access road leading from Stevens Canyon Road). The remainder of the Site appears similar to that shown on the 1968 aerial photograph. Activities at the quarry appear to have been discontinued.
		Note that due to the poor quality and of the 1972 and 1982 aerial photographs, Site details on these photographs are difficult to interpret.
1991	Topographic map	An access road (extending from Stevens Canyon Road) is depicted on-Site. No other Site details are shown.
1991, 1999, 2005 and 2006	Aerial photographs	The horse corrals and associated structures note on the prior photographs are shown to have been removed and the Site appears similar to the current conditions. Overhead electrical transmission lines are shown to traverse the southern portion of the Site.



6.2 HISTORICAL SUMMARY OF SITE VICINITY

Based on our review of the information described in Section 6.1, the general Site vicinity appears to have historically consisted of undeveloped hillside land and agricultural properties with widely spaced residences. By the late 1960s, an increase in mainly residential development is apparent in the general vicinity and the Deep Cliff Golf Course was built to the northeast of the Site. Further increases in mainly residential development are apparent on the subsequent aerial photographs and topographic maps.

SECTION 7: SITE RECONNAISSANCE

We performed a Site reconnaissance to evaluate current Site conditions and to attempt to identify Site Recognized Environmental Conditions. The results of the reconnaissance are discussed below. Additional Site observations are summarized in Table 6 in Section 7.2. Photographs of the Site are presented in Section 7.2.1.

7.1 METHODOLOGY AND LIMITING CONDITIONS

To observe current Site conditions (readily observable environmental conditions indicative of a significant release of hazardous materials), Cornerstone staff Stason I. Foster, P.E. visited the Site on January 17, 2013, and was unaccompanied. Cornerstone staff only observed those areas that were reasonably accessible and safe. Note that much of the Site consists of heavily forested areas with steep slopes; these conditions limited our ability to observe portions of the Site.

7.2 OBSERVATIONS

At the time of our visit, the Site was observed to consist of undeveloped land, most of which was covered by brush and forested areas with a few meandering trails. An asphalt paved access road extended onto the Site from Stevens Canyon Road. The access road consisted of deteriorated asphalt and ended prior to crossing Stevens Creek. The former bridge across the creek was observed to have been removed. The former on-Site landfill area was observed on the northwestern portion of the Site to consist of a grass and weed covered area sloping gently downward to the southeast from Stevens Canyon Road. The precise limits of the former landfill were not readily apparent. Remnants of a former orchard also were observed on the northwest portion of the Site.

A relatively flat area along the access road (just north of Stevens Creek) was observed; this area was shown on historic aerial photographs to have been a vehicle parking area. The area of the former on-Site horse stables to the south of the creek was observed to be relatively flat and overgrown with brush and small trees. A quarried area was observed on the eastern portion of the Site that consisted of a portion of the quarry floor (a relatively flat area at the base of the quarry) bordered by steep slopes. Evidence of erosion, rockfall and landslides were apparent within the quarried area. Overhead electrical transmission lines were observed to traverse the southern portion of the Site.



Table 6. Summary of Readily Observable Site Features

Conservation	Comments
General Observation	Comments
Aboveground Storage Tanks	Not Observed
Agricultural Wells	Not Observed
Air Emission Control Systems	Not Observed
Boilers	Not Observed
Burning Areas	Not Observed
Chemical Mixing Areas	Not Observed
Chemical Storage Areas	Not Observed
Clean Rooms	Not Observed
Drainage Ditches	Not Observed
Elevators	Not Observed
Emergency Generators	Not Observed
Equipment Maintenance Areas	Not Observed
Fill Placement	Observed at the former landfill area and within the quarried
	area.
Ground Water Monitoring Wells	Not Observed
High Power Transmission Lines	Observed on the southern portion of the Site.
Hoods and Ducting	Not Observed
Hydraulic Lifts	Not Observed
Incinerator	Not Observed
Petroleum Pipelines	Not Observed
Petroleum Wells	Not Observed
Ponds or Streams	Stevens Creek bisects the Site.
Railroad Lines	Not Observed
Row Crops or Orchards	Remnants of an orchard were observed on-Site.
Stockpiles of Soil or Debris	Not Observed
Sumps or Clarifiers	Not Observed
Transformers	Not Observed
Underground Storage Tanks	Not Observed
Vehicle Maintenance Areas	Not Observed
Vehicle Wash Areas	Not Observed
Wastewater Neutralization	Not Observed
Systems	t that these features are not present on. Site: it only indicates that these feature

The comment "Not Observed" does not warrant that these features are not present on-Site; it only indicates that these features were not readily observed during the Site visit.



7.2.1 Site Photographs



Photograph 1. View looking east along the northern Site boundary.



Photograph 2. View of the former on-Site landfill area. The access road is shown at far right.





Photograph 3. View of the on-Site access road leading down to Stevens Creek.



Photograph 4. Stevens Creek.





Photograph 5. Area of former horse stables on south side of Stevens Creek.



Photograph 6. Ridgeline on the southern portion of the Site with electrical transmission line tower at top (looking southwest). Steep quarried slopes are shown at center.





Photograph 7. View of slopes shown in Photograph 6 taken from quarry floor.



Photograph 8. Remnants of former orchard on northwest portion of the Site.



SECTION 8: INTERVIEWS

8.1 ENVIRONMENTAL QUESTIONNAIRE / CURRENT OWNER INTERVIEW

To help obtain information on current and historical Site use and use/storage of hazardous materials on-Site, we provided an environmental questionnaire to the Site owner (Parkside Trails LLC). A copy of the completed questionnaire is attached in Appendix D. Based on our review of the completed questionnaire, Parkside Trails LLC acquired the Site in 2011 from Pool Frog Investments. Canyon Height Academy Properties (2001 to 2010) and the Corbalis Intervivos Trust (2000 to 2001) were listed as prior owners. The remaining information presented on the questionnaire appears consistent with that described in Section 4.1.

8.2 INTERVIEWS WITH PREVIOUS OWNERS AND OCCUPANTS

Contact information for previous Site owners and occupants was not provided to us. Therefore, interviews with previous Site owners and occupants could not be performed.

SECTION 9: CONCLUSIONS (FINDINGS) AND RECOMMENDATIONS

Cornerstone performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions. Our conclusions and recommendations are summarized below.

9.1 HISTORICAL SITE USAGE

Based on the information obtained during this study, portions of the Site were used for agricultural purposes (consisting of orchards and possibly vineyards) from at least the 1930s; remnants of a former orchard currently remain on the northwest portion of the Site. What appears to have been a shed or small barn was located on the northwest portion of the Site during the 1940s and 1950s. By the mid-1950s, an access road was constructed on-Site that extended from Stevens Canyon Road to the McDonald-Dorsa Quarry. A portion of the quarry was located on the eastern part of the Site, but most was located on easterly adjacent property. Quarry (*i.e.*, gravel mining) operations appear to have been discontinued by the early 1970s.

By 1971, horse corrals were constructed on the Site, just south of Stevens Creek; an associated vehicle parking area (north of Stevens Creek) and several small structures or trailers also appear to have been present. The horse corrals and associated structures appear to have been removed by the early 1980s.

An approximately 1-acre area on the northwestern portion of the Site reportedly was used as an unregistered landfill during the 1960s and 1970s by the City of Cupertino. Landfill materials reportedly were placed within a former ravine to a depth of approximately 30 feet. As described in Section 4.1.2, the landfill debris was removed during 1998 and 1999 for off-Site disposal and imported fill was placed during Site restoration work. The Site has subsequently remained as undeveloped land.



9.2 CHEMICAL STORAGE AND USE

No hazardous materials were observed on-Site at the time of our visit. Details regarding hazardous materials use by past Site occupants (associated with quarry and horse corral activities) were not available within the data sources reviewed during this study; however, these uses are not typically associated with the significant use and storage of hazardous materials, except possibly fuel storage for quarry vehicles and machinery. No evidence of hazardous materials releases to the Site was readily apparent.

9.3 AGRICULTURAL USE

Portions of the Site were used for agricultural purposes for several decades. Pesticides such as DDT may have been applied to crops in the normal course of farming operations. Residential development and publicly accessible open space are planned for portions of the Site. Therefore, we recommend that sampling and laboratory analyses be performed to evaluate if residual pesticide concentrations are present and potential health risks, if any, to future Site occupants.

9.4 FORMER LANDFILL

As described in Section 4.1.2, in the 1960's and 1970's an approximate 1-acre area in the northwest portion of the Site was utilized by the City for disposal of construction debris, street sweepings, and green wastes. Former landfill materials reportedly were present to an estimated depth of 30 feet. In the late 1990's an initial attempt to characterize the former landfill was performed by Brown, Vence, and Associates, Inc. (BVA) that reportedly included trenching and analytical soil testing. Based on information in the Dames & Moore Phase I ESA that presented a discussion BVA investigation, the primary contaminant of concern appears to have been lead. The landfill materials reportedly contained total lead concentrations ranging up to 980 mg/kg. The California Human Health Screening Level (CHHSL) for lead in soil at a residential property is 80 mg/kg. Additionally, soluble lead concentrations detected in the samples of the landfill debris reportedly exceeded the Soluble Threshold Limit Concentration (STLC) for lead. The STLC is the level above which a waste is classified as hazardous as defined by Title 22 of the California Code of Regulations. The source of the lead was unknown but presumed by the City to be primarily related to street sweepings containing leaded gasoline residues (Dames & Moore, 1999b).

Approximately 25,000 tons of landfill debris and/or impacted soil/fill reportedly were removed and disposed off-Site in 1998 and 1999. The remedial activities appear to have been conducted under SCCDEH oversight and reportedly included the collection of post-excavation confirmation soil samples to verify that the impacted material had been adequately removed. Dames & Moore (1999b) concluded that "the former presence of the landfill should not constitute an environmental constraint to the development of this property for residential usage." Based on the information reviewed during this study, we concur with Dames & Moore's conclusion. Note, however, that the reports containing details of the work conducted and SCCDEH approval letters (or associated correspondence) were incomplete and/or not available from the data sources researched during this Phase I ESA.

We recommend obtaining written approval from the SCCDEH and/or another regulatory agency indicating their concurrence that landfill remedial and restoration activities have been adequately completed and no further work is required. We also recommend the regulatory



closure documentation indicate that the Site is acceptable for reuse for the planned residential redevelopment.

9.5 FILL MATERIAL AND SITE MANAGEMENT PLAN

Six areas of fill were previously identified on the northern portion of the Site, and additional fill was identified within the former quarry floor area located on the eastern portion of the Site and on adjacent property to the east (Berlogar, 2001). The fill locations mapped by Berlogar on the northern portion of the Site generally correspond to the locations of the former landfill, on-Site access road and former bridge at Stevens Creek. An area of fill also was shown at the location of what appears to have been a former parking lot along the access road on the north side of Stevens Creek. The depth of the fill in these areas was not reported by Berlogar. As discussed in Section 4.1.3, Berlogar noted that based on visual observations (presumably from the ground surface since no exploratory test pits appear to have been excavated by Berlogar in these areas), some of these fills appeared to contain "significant amounts of debris".

Fill to a depth of approximately 12 feet was reported on the eastern portion of the Site within the former quarry area. On-site fill soils logged by Berlogar in the former quarry area reportedly consisted mostly of varying amounts of clay and gravel.

The fill imported to the Site and placed at the former landfill location appears to have been adequately documented in the prior reports by Dames & Moore and CDM. However, the source and quality of the reported fill at other locations are not known. We recommend that the quality of the fill at these locations be evaluated by sampling and laboratory analyses prior to development of the Site.

Additionally, based on the history of the Site, buried structures, wells, undocumented fill or debris may be encountered during Site development activities. These materials may require special handling and disposal during Site development. To limit construction delays, we recommend that a Site management plan (SMP) be developed to establish management practices for handling these materials/structures, if encountered. We recommend the SMP be reviewed and approved by the regulatory oversight agency overseeing closure/reuse of the former landfill.

9.6 IMPORTED SOIL

If the planned development will require importing soil for Site grading, we recommend documenting the source and quality of imported soil. The Department of Toxic Substances Control (DTSC) prepared an October 2001 Clean Fill Advisory that provides useful guidance on evaluating imported fill.

9.7 POTENTIAL ENVIRONMENTAL CONCERNS WITHIN THE SITE VICINITY

Based on the information obtained during this study, no hazardous material incidents have been reported in the Site vicinity that would be likely to significantly impact the Site.

9.8 DATA GAPS

ASTM Standard Designation E 1527-05 requires the environmental professional to comment on significant data gaps that affect our ability to identify Recognized Environmental Conditions. A



data gap is a lack of or inability to obtain information required by ASTM Standard Designation E 1527-05 despite good faith efforts by the environmental professional to gather such information. A data gap by itself is not inherently significant; it only becomes significant if it raises reasonable concerns. The following data gaps were identified:

- Contact information for the former occupants and owners of the Site was not provided to us; thus, no interviews with former occupants and owners were conducted during this study. The general environmental setting of the Site appears to have been established based on the information reviewed from other data sources. However, these individuals may have knowledge of the Site that is not otherwise readily available or apparent. Thus, the absence of these interviews may diminish our ability to identify Recognized Environmental Conditions.
- Some of the reports containing details of the landfill characterization, remediation, and restoration work previously conducted and SCCDEH approval letters (or associated correspondence) were not available from the data sources researched during this Phase I ESA. The absence of these reports may diminish our ability to identify Recognized Environmental Conditions.

9.10 DATA FAILURES

As described by ASTM Standard Designation E 1527-05, a data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failures are not uncommon when attempting to identify the use of a Site at five year intervals back to the first use or to 1940 (whichever is earlier). ASTM Standard Designation E 1527-05 requires the environmental professional to comment on the significance of data failures and whether the data failure affects our ability to identify Recognized Environmental Conditions. A data failure by itself is not inherently significant; it only becomes significant if it raises reasonable concerns. The following data failures were identified:

 Documents containing details of prior landfill remediation work were not available during this study. The absence of this information may diminish our ability to identify Recognized Environmental Conditions.

9.11 RECOGNIZED ENVIRONMENTAL CONDITIONS

Cornerstone has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E 1527-05. This assessment identified the following Recognized Environmental Conditions; however, please read the entire report for an overview of the Site.

- Portions of the Site were previously used for agricultural purposes. Residual pesticide concentrations may remain in Site soil.
- Several areas of fill were identified at the Site. The source and quality of the fill (except for that placed at the former landfill location) are not known. Berlogar (2001) reported that some of the fill contained significant amounts of debris.



SECTION 10: LIMITATIONS

Cornerstone performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions associated with the Site. David J. Powers & Associates understands that no Phase I ESA can wholly eliminate uncertainty regarding the potential for Recognized Environmental Conditions to be present at the Site. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions. David J. Powers & Associates understands that the extent of information obtained is based on the reasonable limits of time and budgetary constraints.

Conclusions presented in this report are based on selected, readily available information and conditions readily observed at the time of the Site visit. Phase I ESAs are inherently limited because findings are developed based on information obtained from a non-intrusive Site evaluation. Cornerstone does not accept liability for deficiencies, errors, or misstatements that have resulted from inaccuracies in the publicly available information or from interviews of persons knowledgeable of Site use. In addition, publicly available information and field observations often cannot affirm the presence of Recognized Environmental Conditions; there is a possibility that such conditions exist. If a greater degree of confidence is desired, soil, ground water and/or soil vapor samples should be collected by Cornerstone and analyzed by a state-certified laboratory to establish a more reliable assessment of environmental conditions.

Cornerstone acquired an environmental database of selected publicly available information for the general area of the Site. Cornerstone cannot verify the accuracy or completeness of the database report, nor is Cornerstone obligated to identify mistakes or insufficiencies in the information provided (ASTM E 1527-05, Section 8.1.3). Due to inadequate address information, the environmental database may have mapped several facilities inaccurately or could not map the facilities. Releases from these facilities, if nearby, could impact the Site.

David J. Powers & Associates may have provided Cornerstone environmental documents prepared by others. David J. Powers & Associates understands that Cornerstone reviewed and relied on the information presented in these reports and cannot be responsible for their accuracy.

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45-Acre Parkside Trails Property Steven Canyon Road Cupertino, CA

118-40-1

Figure Number

Figure 1

February 2013

Drawn By RRN



45-Acre Parkside Trails Property Steven Canyon Road Cupertino, CA

Figure 2





APPENDIX A – DATABASE SEARCH REPORT

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.2s

January 07, 2013

The EDR Radius Map™ Report with GeoCheck®

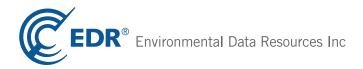


TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map.	3
Map Findings Summary.	4
Map Findings.	
Orphan Summary	
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	
Physical Setting Source Map.	A-7
Physical Setting Source Map Findings.	A-8
Physical Setting Source Records Searched	A-10

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

STEVENS CANYON RD CUPERTINO, CA 95014

COORDINATES

Latitude (North): 37.3045000 - 37° 18' 16.20" Longitude (West): 122.0669000 - 122° 4' 0.84"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582694.3 UTM Y (Meters): 4128856.5

Elevation: 566 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010 Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG..... RCRA - Large Quantity Generators RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS_____Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL RESPONSE...... State Response Sites State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Information System State and tribal leaking storage tank lists Statewide SLIC Cases INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists UST...... Active UST Facilities Aboveground Petroleum Storage Tank Facilities INDIAN UST...... Underground Storage Tanks on Indian Land FEMA UST..... Underground Storage Tank Listing State and tribal voluntary cleanup sites

VCP......Voluntary Cleanup Program Properties

EXECUTIVE SUMMARY

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

Open Dump Inventory

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

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

SWRCY..... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs HIST Cal-Sites Database SCH..... School Property Evaluation Program

Toxic Pits...... Toxic Pits Cleanup Act Sites

CDL...... Clandestine Drug Labs

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS_____ Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

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

UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

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

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

FINDS Facility Index System/Facility Registry System RAATS RCRA Administrative Action Tracking System

UIC Listing

NPDES...... NPDES Permits Listing

Cortese Waste & Substances Sites List

WIP..... Well Investigation Program Case List

ENF...... Enforcement Action Listing HAZNET...... Facility and Manifest Data EMI...... Emissions Inventory Data INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

MWMP..... Medical Waste Management Program Listing

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

COAL ASH EPA...... Coal Combustion Residues Surface Impoundments List HWT...... Registered Hazardous Waste Transporter Database

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

US FIN ASSUR_____ Financial Assurance Information

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

PROC..... Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 11/02/2012 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STEVENS CREEK QUARRY	12100 STEVENS CANYON RO	WSW 1/4 - 1/2 (0.483 mi.)	B6	15

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
CANDESCENT TECHNOLOGIES CORP	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C9	26	

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/05/2012 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF CUPERTINO-BLACK BERRY Status: No Further Action	21979 SAN FERNANDO AVE	NNE 1/2 - 1 (0.699 mi.)	7	17
ZILOG INC EXXON Status: Inactive - Needs Evaluation	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C8	21

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/17/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRESSLER PROPERTY Status: Completed - Case Closed	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)	3	10
STEVENS CREEK QUARRY Status: Completed - Case Closed	12100 STEVENS CANYON F	RD WSW 1/4 - 1/2 (0.483 mi.)	B4	12

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	on Address		Map ID	Page	
TRESSLER PROPERTY	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)		10	
STEVENS CREEK QUARRY	12100 STEVENS CANYON RE) WSW 1/4 - 1/2 (0.483 mi.)	B4	12	

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A1	8

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A2	9	

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A1	8	

Other Ascertainable Records

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
TRESSLER PROPERTY	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)	3	10	
RICH VOSS TRUCKING INC	12100 STEVENS CANYON RI	D WSW 1/4 - 1/2 (0.483 mi.)	B5	13	

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

A review of the HWP list, as provided by EDR, and dated 08/28/2012 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ZILOG INC EXXON	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C8	21

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name Database(s

KAISER CEMENT CORP, PERMA
EXXON R/S 7-0206
KAISER CEMENT CORP PERMANENTE PLAN
KAISER ALUMINUM
ARCO #5333
TEXACO
VIP CLEANERS
KAISER CEMENT CORP PERMANENTE

KAISER CEMENT CORP PERMANENTE STEVENS CREEK QUARRY, INC.

VIPCLEANERS

MARIANI FRUIT PACKING PLANT ORCHAR

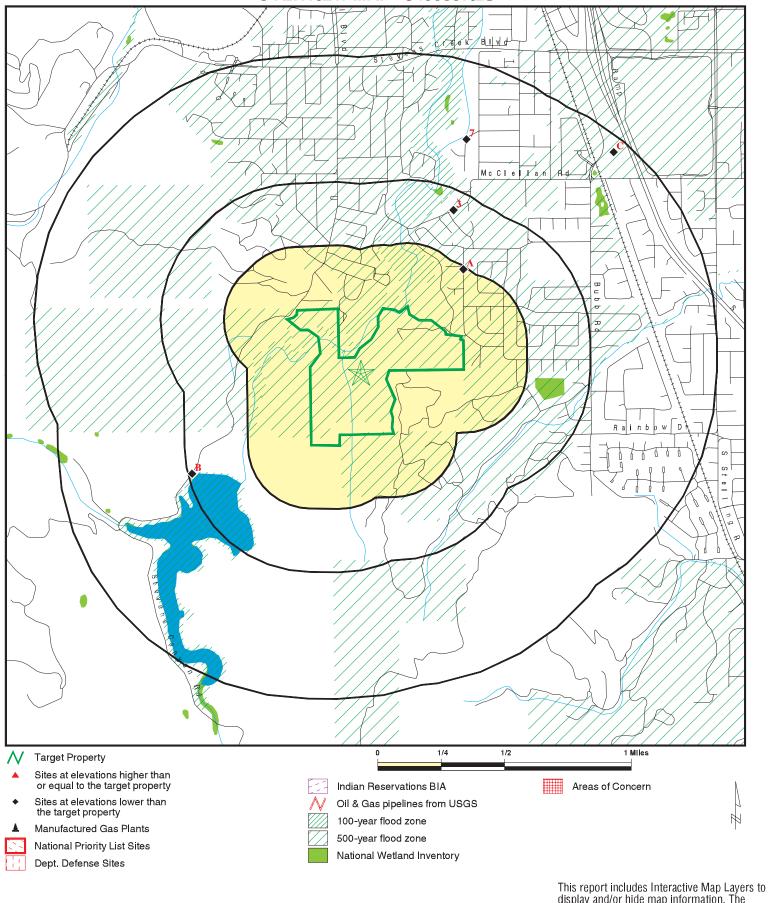
HIST CORTESE, ENVIROSTOR CA FID UST, SWEEPS UST CERCLIS CERC-NFRAP

CERCLIS
CERC-NFRAF
LUST
HIST UST
FINDS
SLIC
MINES

ENVIROSTOR

EMI

OVERVIEW MAP - 3488357.2s



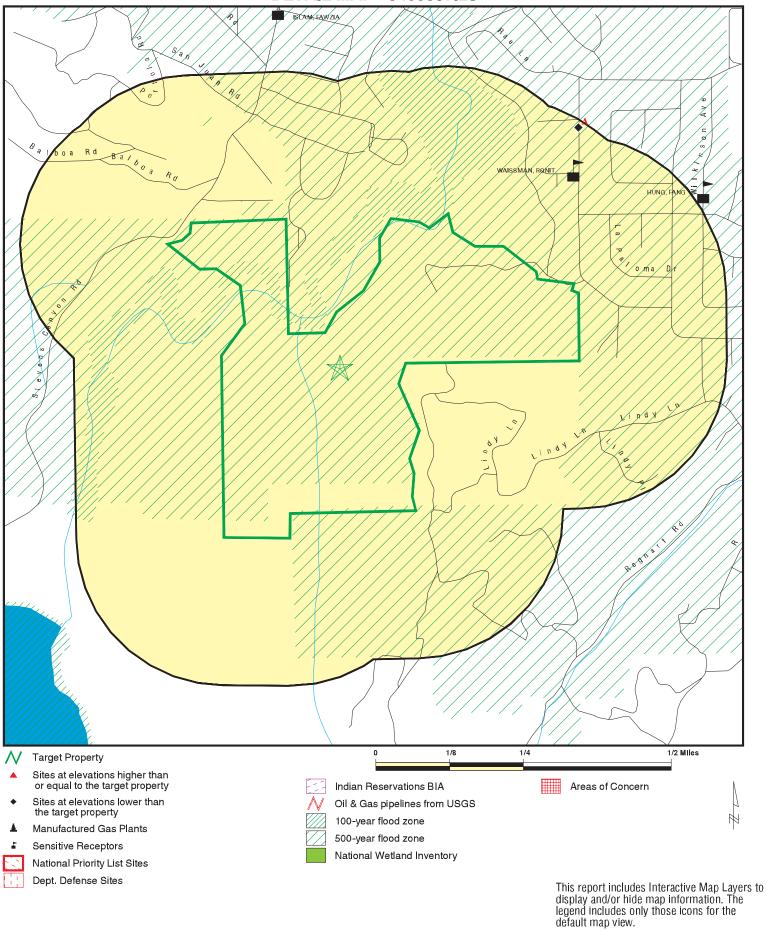
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Phase I ESA
ADDRESS: STEVENS CANYON RD

CLIENT: Cornerstone Earth Group
CONTACT: Stason Foster

Cupertino CA 95014 INQUIRY #: 3488357.2s LAT/LONG: 37.3045 / 122.0669 DATE: January 07, 2013 1:43 pm

DETAIL MAP - 3488357.2s



SITE NAME: Phase I ESA
ADDRESS: STEVENS CANYON RD
Cupertino CA 95014
LAT/LONG: 37.3045 / 122.0669

CLIENT: Cornerstone Earth Group
CONTACT: Stason Foster
INQUIRY #: 3488357.2s
DATE: January 07, 2013 1:45 pm

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

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC HIST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 2 0	NR NR NR	NR NR NR	0 2 0
State and tribal registere	ed storage tal	nk lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal voluntar	y cleanup sit	es						
VCP INDIAN VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites			Ü	Ü	Ü	TVIX	IVIX	Ü
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered	d Storage Tai	nks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	1 1 1	NR NR NR	NR NR NR	NR NR NR	1 1 1
Local Land Records								
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency I	Release Repo	orts						
HMIRS CHMIRS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0

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

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) **EPA ID Number**

Α1 JOSEPH EVULICH CA FID UST S101624888 NE 10867 LINDA VISTA DR **SWEEPS UST** N/A

1/8-1/4 0.238 mi.

1256 ft. Site 1 of 2 in cluster A

Relative: Lower

CA FID UST:

43011940 Facility ID: UTNKI Regulated By:

Actual: 00059218 Regulated ID: 384 ft. Cortese Code: Not reported SIC Code: Not reported 4086832243

Facility Phone:

CUPERTINO, CA 95014

Mail To: Not reported 14300 MURPHY AVE Mailing Address:

Mailing Address 2: Not reported

CUPERTINO 95014 Mailing City, St, Zip:

Contact: Not reported Contact Phone: Not reported Not reported **DUNs Number:** NPDES Number: Not reported Not reported EPA ID: Comments: Not reported

SWEEPS UST:

Status:

Not reported Status: Comp Number: 59218 Not reported Number: Board Of Equalization: 44-026430 Ref Date: Not reported Not reported Act Date: Created Date: Not reported Tank Status: Not reported Owner Tank Id: Not reported

43-012-059218-000001 Swrcb Tank Id:

Inactive

Actv Date: Not reported Capacity: 550

Tank Use: M.V. FUEL Stg: **PRODUCT REG UNLEADED** Content:

Number Of Tanks:

Status: Not reported Comp Number: 59218 Number: Not reported Board Of Equalization: 44-026430 Not reported Ref Date: Act Date: Not reported Not reported Created Date: Not reported Tank Status: Owner Tank Id: Not reported

Swrcb Tank Id: 43-012-059218-000002

Actv Date: Not reported Capacity: 550 Tank Use: M.V. FUEL **PRODUCT** Stg: Content: **LEADED** Number Of Tanks: Not reported **EDR ID Number**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOSEPH EVULICH (Continued)

S101624888

Status: Not reported 59218 Comp Number: Number: Not reported Board Of Equalization: 44-026430 Ref Date: Not reported Act Date: Not reported Not reported Created Date: Tank Status: Not reported Owner Tank Id: Not reported

Swrcb Tank Id: 43-012-059218-000003

Actv Date: Not reported Capacity: 550 M.V. FUEL Tank Use: Stg: **PRODUCT** Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Not reported Comp Number: 59218 Not reported Number: Board Of Equalization: 44-026430 Ref Date: Not reported Act Date: Not reported Created Date: Not reported Not reported Tank Status: Owner Tank Id: Not reported

43-012-059218-000004 Swrcb Tank Id:

Actv Date: Not reported Capacity: 550 M.V. FUEL Tank Use: **PRODUCT** Stg: Content: **LEADED** Number Of Tanks: Not reported

Α2 JOSEPH EVULICH NE 10867 LINDA VISTA DR CUPERTINO, CA 95014 1/8-1/4 0.238 mi.

1256 ft. Site 2 of 2 in cluster A

Relative: Lower

HIST UST: Region:

Facility ID: 00000059218 Actual: Facility Type: Other 384 ft. Other Type: **RENTALS** Total Tanks: 0004

> Contact Name: Not reported 4086832243 Telephone: Owner Name: JOSEPH EVULICH Owner Address: 14300 MURPHY AVE Owner City, St, Zip: SAN MARTIN, CA 95046

STATE

001 Tank Num: Container Num: #1 Year Installed: 1972 Tank Capacity: 00000550 **PRODUCT** Tank Used for: Type of Fuel: UNLEADED HIST UST

U001601000

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOSEPH EVULICH (Continued)

Tank Construction: Not reported

Leak Detection: None

Tank Num: 002 Container Num: #2 Year Installed: 1972 Tank Capacity: 00000550 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Tank Construction: Not reported Leak Detection: None

003 Tank Num: Container Num: #1 Year Installed: 1982 Tank Capacity: 00000550 Tank Used for: **PRODUCT** UNLEADED Type of Fuel: Tank Construction: Not reported Leak Detection: None

Tank Num: 004 Container Num: #2 Year Installed: 1982 Tank Capacity: 00000550 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Tank Construction: Not reported Leak Detection: None

TRESSLER PROPERTY NNE 22110 MCCLELLAN RD **CUPERTINO, CA 95014** 1/4-1/2

0.421 mi. 2222 ft.

CORTESE: Relative:

CORTESE Region: Lower Facility County Code: 43 Actual: **LTNKA** Reg By: 370 ft. Reg Id: 43-2161

LUST:

STATE Region: Global Id: T0608501985 Latitude: 37.3135269 -122.0608993 Longitude: Case Type: **LUST Cleanup Site** Completed - Case Closed Status:

Status Date: 03/12/1997

SANTA CLARA COUNTY LOP Lead Agency:

Case Worker: UST

SANTA CLARA COUNTY LOP Local Agency:

RB Case Number: Not reported LOC Case Number: Not reported

File Location: Stored electronically as an E-file

Potential Media Affect: Soil U001601000

HIST CORTESE

LUST

HIST LUST

S102563431

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TRESSLER PROPERTY (Continued)

S102563431

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Not reported Site History:

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0608501985

Contact Type: Local Agency Caseworker Contact Name: UST CASE WORKER

Organization Name: SANTA CLARA COUNTY LOP Address: 1555 Berger Drive, Suite 300

SAN JOSE City: Not reported Email: Phone Number: 4089183400

Global Id: T0608501985

Contact Type: Regional Board Caseworker

Contact Name: ZSC

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

OAKLAND City: Email: Not reported Phone Number: Not reported

LUST:

Global Id: T0608501985 Action Type: Other Date: 01/01/1950 Action: Leak Reported

LUST REG 2:

Region:

Facility Id: Not reported Facility Status: Case Closed Case Number: 07S2W22A01f How Discovered: Not reported Leak Cause: Not reported Not reported Leak Source: Not reported Date Leak Confirmed: Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: Not reported Pollution Characterization Began: Not reported Pollution Remediation Plan Submitted: Not reported Date Remediation Action Underway: Not reported Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA SCVWD ID: 07S2W22A01f 03/12/1997 Date Closed:

HIST LUST SANTA CLARA:

Region: SANTA CLARA

Region Code:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TRESSLER PROPERTY (Continued)

S102563431

SCVWD ID: 07S2W22A01 Oversite Agency: SCVWD

Date Listed: 1997-02-10 00:00:00 Closed Date: 1997-03-12 00:00:00

S101303584 В4 STEVENS CREEK QUARRY LUST **HIST LUST** N/A

wsw 12100 STEVENS CANYON RD 1/4-1/2 UNINCORPORATED, CA 95014

0.483 mi.

Site 1 of 3 in cluster B 2552 ft.

LUST: Relative: Lower Region:

Actual: 551 ft.

STATE Global Id: T0608501377 Latitude: 37.2966224380591 -122.083468437195 Longitude: Case Type: **LUST Cleanup Site** Status: Completed - Case Closed

01/12/1996 Status Date:

Lead Agency: SANTA CLARA COUNTY LOP

Case Worker: UST

Local Agency: SANTA CLARA COUNTY LOP

RB Case Number: Not reported LOC Case Number: Not reported

File Location: Stored electronically as an E-file

Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0608501377

Local Agency Caseworker Contact Type: Contact Name: **UST CASE WORKER** Organization Name: SANTA CLARA COUNTY LOP Address: 1555 Berger Drive, Suite 300

SAN JOSE City: Not reported Email: 4089183400 Phone Number:

Global Id: T0608501377

Contact Type: Regional Board Caseworker

Contact Name: ZSC

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND Email: Not reported Phone Number: Not reported

LUST:

Global Id: T0608501377 Action Type: Other Date: 01/01/1950 Action: Leak Reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

STEVENS CREEK QUARRY (Continued)

S101303584

LUST REG 2:

Region:

Facility Id: Not reported Facility Status: Case Closed Case Number: 07S2W28B01f How Discovered: Not reported Leak Cause: Not reported Leak Source: Not reported Date Leak Confirmed: Not reported

Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: Not reported Pollution Characterization Began: Not reported Pollution Remediation Plan Submitted: Not reported Date Remediation Action Underway: Not reported Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

SANTA CLARA Region: SCVWD ID: 07S2W28B01f Date Closed: 01/12/1996

HIST LUST SANTA CLARA:

SANTA CLARA Region:

Region Code:

SCVWD ID: 07S2W28B01 Oversite Agency: SCVWD

Date Listed: 1996-01-12 00:00:00 Closed Date: 1996-01-12 00:00:00

RICH VOSS TRUCKING INC wsw 12100 STEVENS CANYON RD **CUPERTINO, CA 95014** 1/4-1/2

Site 2 of 3 in cluster B

0.483 mi.

NPDES: Relative:

B5

2552 ft.

CAS000001 Npdes Number: Lower Active

Facility Status: Actual: Agency Id: 0 551 ft. Region: 2

> Regulatory Measure Id: 183883 97-03-DWQ Order No: Regulatory Measure Type: Enrollee Place Id: Not reported 2 431006687 WDID:

> Program Type: Industrial Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: 05/01/1992 Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported

Discharge Name: Stevens Creek Quarry Discharge Address: 12100 Stevens Canyon Rd

Discharge City: Cupertino Discharge State: California Discharge Zip: 95014

S105023468

N/A

NPDES

HAZNET

HWT

HIST CORTESE

Direction Distance

Elevation Site Database(s) EPA ID Number

RICH VOSS TRUCKING INC (Continued)

S105023468

EDR ID Number

CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1402

HAZNET:

Year: 2011

Gepaid: CAR000203935 Contact: STEVEN R MARTINI

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950140000

Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.075 Facility County: Santa Clara

Year: 2011

Gepaid: CAL000011647

Contact: DIANA VOSS MANAGER

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950145415

Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.05 Facility County: Santa Clara

Year: 2010

Gepaid: CAL000011647

Contact: DIANA VOSS MANAGER

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950145415

Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.0714 Facility County: Santa Clara

Year: 2010

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

RICH VOSS TRUCKING INC (Continued)

Gepaid: CAL000011647

DIANA VOSS MANAGER Contact:

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City, St, Zip: CUPERTINO, CA 950145415

Gen County: Not reported TSD EPA ID: CA0000084517 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.0924 Facility County: Santa Clara

Year: 2010

Gepaid: CAL000011647

DIANA VOSS MANAGER Contact:

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City, St, Zip: CUPERTINO, CA 950145415

Gen County: Not reported TSD EPA ID: CAD980887418 TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.075 Facility County: Santa Clara

> Click this hyperlink while viewing on your computer to access 13 additional CA_HAZNET: record(s) in the EDR Site Report.

HWT:

Reg Num: 5881 Expiration Date: 02/28/2013

В6 STEVENS CREEK QUARRY **CERCLIS** 1014915216 **WSW** 12100 STEVENS CANYON ROAD CAN000909322

1/4-1/2 CUPERTINO, CA 95014

0.483 mi.

551 ft.

2552 ft. Site 3 of 3 in cluster B

CERCLIS: Relative:

Site ID: 0909322 Lower EPA ID: CAN000909322 Actual: SANTA CLARA Facility County:

Short Name: STEVENS CREEK QUARRY

Congressional District: Not reported IFMS ID: Not reported SMSA Number: Not reported USGC Hydro Unit: Not reported

Not a Federal Facility Federal Facility:

DMNSN Number: 0.00000 Site Orphan Flag: Not reported Not reported RCRA ID:

S105023468

Direction Distance

Elevation Site Database(s) EPA ID Number

STEVENS CREEK QUARRY (Continued)

1014915216

EDR ID Number

USGS Quadrangle: Not reported

Site Init By Prog:

NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported

EPA Region: 09

Classification:

Site Settings Code:

Not reported

Not reported

Not on the NPL

DMNSN Unit Code:

RBRAC Code:

RResp Fed Agency Code:

Not reported

Not reported

Not reported

Not reported

Not reported

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Non NPL Status Date: 05/31/12
Site Fips Code: 06085
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

 Contact ID:
 13003854.00000

 Contact Name:
 Leslie Ramirez

 Contact Tel:
 (415) 972-3978

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

 Contact ID:
 13003858.00000

 Contact Name:
 Sharon Murray

 Contact Tel:
 (415) 972-4250

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

Alias Comments: Not reported

Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/18/11
Priority Level: Not reported
Operable Unit: SITEWIDE

Primary Responsibility: EPA Fund-Financed

Planning Status: Not reported Urgency Indicator: Not reported Action Anomaly: Not reported

Action Code: 001

Direction Distance

Distance Elevation Site EDR ID Number Database(s) EPA ID Number

STEVENS CREEK QUARRY (Continued)

1014915216

Action: PRELIMINARY ASSESSMENT

Date Started: 05/18/11

Date Completed: 05/31/12

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

7 CITY OF CUPERTINO-BLACK BERRY FARM VCP \$109424762

NNE 21979 SAN FERNANDO AVE HAZNET N/A 1/2-1 CUPERTINO, CA 95014 ENVIROSTOR

0.699 mi. 3693 ft.

Relative: VCP:

Lower Facility ID: 60001205

Site Type: Voluntary Cleanup

Actual: Site Type Detail: Voluntary Cleanup

349 ft. Site Mgmt. Req.: NONE SPECIFIED

Acres: 0.08
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program

Project Manager: Mark Piros
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: Not reported

Assembly: 28 Senate: 15

Special Programs Code: Not reported
Status: No Further Action
Status Date: 11/10/2009
Restricted Use: NO

 Funding:
 Responsible Party

 Lat/Long:
 37.31610 / -122.0610

 APN:
 NONE SPECIFIED

 Past Use:
 AGRICULTURAL - ORCHARD

 Potential COC:
 30007, 30008, 30013, 30023

 Confirmed COC:
 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name
Alias Name: 60001205

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 11/10/2009

Comments: Soil samples were collected from within the footprint of a proposed

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health

Direction Distance

Elevation Site Database(s) EPA ID Number

CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

EDR ID Number

risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the excavated soil was disposed at a permitted, off-site Class II landfill. The Soil Removal Completion Report presents the results of soil sampling and documents the soil removal. DTSC issued a no further action letter to the City of Cupertino based on the information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

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

HAZNET:

Year: 2011

Gepaid: CAL000318874

Contact: SHAWN TOGNETTI/HAZ MAT. TECH.

Telephone: 4087771357 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported

Waste Category: Asbestos containing waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.4

Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Other inorganic solid waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.05 Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

Mailing Name: Not reported 10555 MARY AVE Mailing Address:

Mailing City,St,Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Contaminated soil from site clean-up

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 63.72 Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874 Contact: TOM WALTERS Telephone: 4087773129 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara CAD980887418 TSD EPA ID: TSD County: Alameda

Unspecified oil-containing waste Waste Category:

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

0.2 Tons:

Facility County: Santa Clara

Year: 2007

CAL000318874 Gepaid: TOM WALTERS Contact: Telephone: 4087773129 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

CUPERTINO, CA 950140000 Mailing City, St, Zip:

Gen County: Santa Clara TSD EPA ID: CAD044429835 TSD County: Los Angeles

Waste Category: Alkaline solution without metals pH >= 12.5

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.1

Facility County: Santa Clara

> Click this hyperlink while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:

Voluntary Cleanup Site Type: Site Type Detailed: Voluntary Cleanup

0.08 Acres: NPL: NO Regulatory Agencies: **SMBRP SMBRP** Lead Agency: Program Manager: Mark Piros Supervisor: Barbara Cook Division Branch: Cleanup Berkeley

Direction Distance

Elevation Site Database(s) EPA ID Number

CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

EDR ID Number

Facility ID: 60001205 Site Code: Not reported

Assembly: 28 Senate: 15

Special Program: Not reported
Status: No Further Action
Status Date: 11/10/2009

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Responsible Party

Latitude: 37.31610 Longitude: -122.0610

APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD

Potential COC: 30007, 30008, 30013, 30023 Confirmed COC: 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name
Alias Name: 60001205

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 11/10/2009

Comments: Soil samples were collected from within the footprint of a proposed

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the excavated soil was disposed at a permitted, off-site Class II landfill. The Soil Removal Completion Report presents the results

of soil sampling and documents the soil removal. DTSC issued a no further action letter to the City of Cupertino based on the information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

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

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

C8 ZILOG INC EXXON SLIC U001601015
NE 10460 BUBB RD SLIC U001601015
HIST UST N/A

1/2-1 CUPERTINO, CA 95014

HAZNET ENVIROSTOR HWP

0.943 mi.

4978 ft. Site 1 of 2 in cluster C

Relative: SLIC: Lower Re

Region: STATE

Facility Status: Completed - Case Closed

 Actual:
 Status Date:
 02/06/2012

 325 ft.
 Global Id:
 T0608591673

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Lead Agency Case Number: Not reported Latitude: 37.302688 Longitude: -122.050181

Case Type: Cleanup Program Site

Case Worker:
Local Agency:
RB Case Number:
File Location:
Potential Media Affected:
UUU
Not reported
43S0712
Not reported
Under Investigation

Potential Contaminants of Concern: * Solvents Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Region: STATE Facility ID: 00000020439

Facility Type: Other

Other Type: SEMICONDUCTOR

Total Tanks: 0005

Contact Name: Not reported
Telephone: 4083708000
Owner Name: ZILOG, INC.
Owner Address: 1315 DELL AVE.
Owner City,St,Zip: CAMPBELL, CA 95008

Tank Num: 001 Container Num: 1

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

002 Tank Num: Container Num: 2 1976 Year Installed: Tank Capacity: 00000600 WASTE Tank Used for: Type of Fuel: Not reported Tank Construction: Not reported Vapor Sniff Well Leak Detection:

Tank Num: 003 Container Num: 3 Year Installed: 1979

Direction Distance

Elevation Site Database(s) EPA ID Number

ZILOG INC EXXON (Continued)

U001601015

EDR ID Number

Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

Leak Detection: Vapor Sniff Well, Sensor Instrument

Tank Num: 005
Container Num: 5
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

Leak Detection: Vapor Sniff Well, Sensor Instrument

HAZNET:

Year: 2008

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: NVT330010000

TSD County: 99

Waste Category: Off-specification, aged or surplus organics

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.2 Facility County: Santa Clara

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: CAD982411993
TSD County: Alameda

Waste Category: Other inorganic solid waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.31 Facility County: Santa Clara

Direction Distance

Elevation Site Database(s) EPA ID Number

ZILOG INC EXXON (Continued)

U001601015

EDR ID Number

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: NVT330010000

TSD County: 99

Waste Category: Off-specification, aged or surplus organics

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.15 Facility County: Santa Clara

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: TXD077603371

TSD County: 99

Waste Category: Other inorganic solid waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0

Facility County: Santa Clara

ENVIROSTOR:

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

NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Facility ID: 71002580
Site Code: Not reported

Assembly: 28 Senate: 15

Special Program: Not reported

Status: Inactive - Needs Evaluation

Status Date: Not reported

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Not reported Latitude: 37.31663 Longitude: -122.0499

APN: NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED

Distance

Elevation Site Database(s) EPA ID Number

ZILOG INC EXXON (Continued)

U001601015

EDR ID Number

Confirmed COC: NONE SPECIFIED NONE SPECIFIED NONE SPECIFIED Alias Name: CAD076314459

Alias Type: EPA Identification Number

Alias Name: 71002580

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Comments: Not reported Not reported Not reported Not reported

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

Site Type: Corrective Action
Site Type Detailed: Corrective Action

Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM

Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Facility ID: 80001679
Site Code: 520046
Assembly: 28

Senate: 15

Special Program: Not reported

Status: Inactive - Needs Evaluation

Status Date: 01/01/2008

Restricted Use: NO

NONE SPECIFIED Site Mgmt. Req.: Funding: Not reported Latitude: 37.31621 Longitude: -122.0492 APN: 357-20-037 NONE SPECIFIED Past Use: Potential COC: NONE SPECIFIED Confirmed COC: NONE SPECIFIED NONE SPECIFIED Potential Description:

Alias Name: Zilog

Alias Type: Alternate Name
Alias Name: 357-20-037
Alias Type: APN

Alias Name: CAD076314459

Alias Type: EPA Identification Number

Alias Name: 520046

Alias Type: Project Code (Site Code)

Direction Distance Elevation

Elevation Site Database(s) EPA ID Number

ZILOG INC EXXON (Continued)

U001601015

EDR ID Number

Alias Name: 80001679

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Assessment Report

Completed Date: 11/01/1987 Comments: Not reported

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

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 07/21/1998

Comments: RCRA Facility Assessment Completed, site formerly known as Zilog, Inc.

Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed

Completed Date: 07/12/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Other Instrument
Od/10/2007
Comments: Not reported

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

Completed Document Type: Groundwater Migration Controlled

Completed Date: 04/10/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
07/12/2007
Comments: Not reported

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

Completed Document Type: Human Exposure Controlled

Completed Date: 04/10/2007 Comments: Not reported

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

Direction Distance

Elevation Site Database(s) EPA ID Number

ZILOG INC EXXON (Continued)

U001601015

EDR ID Number

HWP:

EPA Id: CAD076314459
Latitude: 37.32045
Longitude: -122.0507

Facility Type: Historical - Non-Operating

Cleanup Status: CLOSED
Supervisor: Not reported
Site Code: 520046
Assembly District: 28
Senate District: 15

Public Information Officer: Not reported

Closure:

EPA Id: CAD076314459

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1, TANKSTR1, TANKTRT1

Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION

Actual Date: 10/13/1988

EPA ld: CAD076314459

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1, TANKSTR1, TANKTRT1

Event Description: Closure Final - ISSUE CLOSURE VERIFICATION

Actual Date: 10/13/1988

Alias:

EPA ld: CAD076314459

Facility Type: Historical - Non-Operating Alias Type: Project Code (Site Code)

Alias: 520046

C9 CANDESCENT TECHNOLOGIES CORP RCRA-TSDF 1000332458
NE 10460 BUBB RD CERC-NFRAP CAD076314459

1/2-1 CUPERTINO, CA 95014 0.943 mi.

 0.943 mi.
 RCRA-NonGen

 4978 ft.
 Site 2 of 2 in cluster C
 FINDS

 2020 COR ACTION

Relative:

Lower RCRA-TSDF:

Date form received by agency: 03/03/1997

Actual: Facility name: CANDESCENT TECHNOLOGIES CORP

325 ft. Facility address: 10460 BUBB RD

CUPERTINO, CA 95014 CAD076314459

EPA ID: CAD076314459
Contact: AGATA SULCZYNSKI
Contact address: 6580 VIA DEL ORO
SAN JOSE, CA 95119

Contact country: US

Contact telephone: (408) 229-6150 Contact email: Not reported

EPA Region: 09 Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

CORRACTS

Direction Distance Elevation

tance EDR ID Number evation Site Database(s) EPA ID Number

CANDESCENT TECHNOLOGIES CORP (Continued)

1000332458

Owner/Operator Summary:

Owner/operator name: BERG AND BERG DEVELOPERS

Owner/operator address: 10050 BANDLEY DR

CUPERTINO, CA 95014

Owner/operator country: Not reported Owner/operator telephone: (408) 725-0700

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ZILOG INC

Owner/operator address: 1315 DELL AVENUE

NOT REQUIRED, CA 99999

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996

Facility name: CANDESCENT TECHNOLOGIES CORP

Classification: Small Quantity Generator

Corrective Action Summary:

Event date: 11/01/1987 Event: CA049PA

Event date: 11/01/1987 Event: CA074LO

Event date: 11/01/1987

Event: CA Prioritization, Facility or area was assigned a low corrective

action priority.

Event date: 01/01/1990

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

CANDESCENT TECHNOLOGIES CORP (Continued)

1000332458

Event: CA029ST

Event date: 04/10/2007

Event: Current Human Exposures under Control, Yes, Current Human Exposures

Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant

changes at the facility.

Event date: 04/10/2007

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of

Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of

significant changes at the facility.

Event date: 04/10/2007

Event: Current Human Exposures under Control, Yes, Current Human Exposures

Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant

changes at the facility.

Event date: 04/10/2007

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of

Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of

significant changes at the facility.

 Event date:
 07/12/2007

 Event:
 CA550RC

Event date: 07/12/2007

Event: Date For Remedy Selection (CM Imposed)

Event date: 07/12/2007 Event: CA550RC

Event date: 07/12/2007

Event: Date For Remedy Selection (CM Imposed)

Event date: 09/24/2009

Direction Distance Elevation

levation Site Database(s) EPA ID Number

CANDESCENT TECHNOLOGIES CORP (Continued)

1000332458

EDR ID Number

Event: CA800YE

Violation Status: No violations found

CERC-NFRAP:

Site ID: 0901588

Federal Facility: Not a Federal Facility NPL Status: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13052963.00000 Person ID: 9271184.00000

Contact Sequence ID: 13286165.00000 Person ID: 13003854.00000

Contact Sequence ID: 13291760.00000 Person ID: 13003858.00000

Contact Sequence ID: 13297618.00000 Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported
Date Completed: 11/01/1987

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 04/10/2007

Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human

Exposures Under Control has been verified

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 04/10/2007

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,

Distance

Elevation Site Database(s) EPA ID Number

CANDESCENT TECHNOLOGIES CORP (Continued)

1000332458

EDR ID Number

Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: SOLVENT TANK
Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: DRUM STORAGE AREA

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 07/12/2007

Action: CA400 - Date For Remedy Selection (CM Imposed)

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: SPILL CONTAINMENT TANKS

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ACID NEUTRALIZATION SYSTEM

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CANDESCENT TECHNOLOGIES CORP (Continued)

1000332458

EDR ID Number

Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: GASOLINE TANK
Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 09/24/2009
Action: CA800YE
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459
EPA Region: 09
Area Name: ENTIRE FACILITY

Actual Date: 11/01/1987

Action: CA075LO - CA Prioritization, Facility or area was assigned a low

corrective action priority

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

FINDS:

Registry ID: 110032746125

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

2020 COR ACTION:

EPA ID: CAD076314459

Region: 9

Action: Remedy Constructed

Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CUPERTINO	S100183052	MARIANI FRUIT PACKING PLANT ORCHAR	CORNER OF DEANZA BLVD & HWY 2	95014	ENVIROSTOR
CUPERTINO	U001601016	TEXACO	10002 N. HWY 9 / STEVENS CRE	95014	HIST UST
CUPERTINO	S101594613	EXXON R/S 7-0206	10002 N HWY 9	95014	CA FID UST, SWEEPS UST
CUPERTINO	1003879309	KAISER ALUMINUM	PERMANENTE RD	95014	CERC-NFRAP
CUPERTINO	S110655345	ARCO #5333	STEVENS CRK & STELLING RD	95014	LUST
CUPERTINO	S106162427	KAISER CEMENT CORP PERMANENTE	UNKNOWN STEVENS CREEK BLVD W	95014	SLIC
PERMANENTE	S101482325	KAISER CEMENT CORP, PERMA	2401 STEVENS CREEK BLVD	95014	HIST CORTESE, ENVIROSTOR
PERMANENTE	1015730618	KAISER CEMENT CORP PERMANENTE PLAN	W TERMINUS OF STEVENS CR BLVD	95014	CERCLIS
SANTA CLARA COUNTY	M300006427	STEVENS CREEK QUARRY, INC.	STEVENS CREEK QUARRY		MINES
SARATOGA	1014678994	V I P CLEANERS	12840A SARATOG & SUNNYVALE RD	95070	FINDS
SARATOGA	S109282908	V I P CLEANERS	12840A SARATOGA / SUNNYVALE	95070	EMI

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA

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

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

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 70

Source: EPA Telephone: N/A

Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

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

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012

Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Number of Days to Update: 104

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

Source: Environmental Protection Agency

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/15/2012

Number of Days to Update: 31

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Telephone: 202-267-2180 Last EDR Contact: 01/04/2013

Number of Days to Update: 72

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

Source: National Response Center, United States Coast Guard

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Number of Days to Update: 24

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

Source: Department of Toxic Substances Control

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 46

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

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

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board Telephone: see region list

Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 14

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

Number of Days to Update: 35

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

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 9

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

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

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

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

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

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

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

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 22

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

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

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

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 18

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

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

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

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 30

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

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

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

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

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

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

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

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

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

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

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

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

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

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

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012 Number of Days to Update: 39

12 L

Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 07/26/2012 Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

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

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-5092 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

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

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/03/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/12/2012

Number of Days to Update: 23

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 11/15/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 12/14/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 54

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

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

Number of Days to Update: 21

Source: Department of Toxic Substance Control

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

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

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

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 03/28/2012 Date Data Arrived at EDR: 05/01/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 24

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

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

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site

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

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA,

TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

Number of Days to Update: 25

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

Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

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

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

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

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/14/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 12/21/2012

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

Number of Days to Update: 76

Source: Department of Toxic Substances Control

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

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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

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

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 12/10/2012

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

WIP: Well Investigation Program Case List

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

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

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/15/2011 Date Data Arrived at EDR: 08/23/2011 Date Made Active in Reports: 10/03/2011

Number of Days to Update: 41

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 02/11/2013

Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

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

Number of Days to Update: 14

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

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

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

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

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013

Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/16/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/28/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

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

Number of Days to Update: 28

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

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

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2012

Next Scheduled EDR Contact: 11/26/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

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

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 32

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

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

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

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

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

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Source: EDR, Inc.

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

Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

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

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 11/07/2012

Telephone: 510-567-6700

Number of Days to Update: 26

Last EDR Contact: 12/28/2012 Next Scheduled EDR Contact: 04/15/2013

Data Release Frequency: Semi-Annually

Source: Alameda County Environmental Health Services

Source: Alameda County Environmental Health Services

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 10/24/2012

Telephone: 510-567-6700

Number of Days to Update: 12

Last EDR Contact: 12/28/2012 Next Scheduled EDR Contact: 04/15/2013

Data Release Frequency: Semi-Annually

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

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

Number of Days to Update: 27

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 10/10/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 27

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013

Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 10/28/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

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

Number of Days to Update: 40

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 11/12/2012 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

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

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

KERN COUNTY:

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

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

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

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

Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 07/12/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 56

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/28/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/16/2012

Next Scheduled EDR Contact: 10/26/2012 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012 Date Data Arrived at EDR: 10/23/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 38

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 10/23/2012

Next Scheduled EDR Contact: 02/04/2013

Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

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

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013

Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 12/29/2011 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 19

Source: Community Health Services

Telephone: 323-890-7806 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012 Date Data Arrived at EDR: 10/25/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 36

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 19

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

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

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012 Date Data Arrived at EDR: 07/31/2012 Date Made Active in Reports: 09/14/2012

Number of Days to Update: 45

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

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

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

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/15/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 18

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 22

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 08/29/2012 Date Data Arrived at EDR: 08/30/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

Environmental Case Listing

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

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

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

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

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 38

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 09/13/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

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

LOP Listing

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

Date of Government Version: 09/04/2012 Date Data Arrived at EDR: 09/06/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 19

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/23/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/22/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 14

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 20

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Telephone: 530-822-7500 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

Source: Sutter County Department of Agriculture

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/21/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Medical Waste Program List

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

Date of Government Version: 10/29/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 27

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 09/20/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 33

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 19

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/16/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 48

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

acility.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 12/11/2012

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/07/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

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

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PHASE I ESA STEVENS CANYON RD CUPERTINO, CA 95014

TARGET PROPERTY COORDINATES

Latitude (North): 37.3045 - 37° 18' 16.20" Longitude (West): 122.0669 - 122° 4' 0.84"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582694.3 UTM Y (Meters): 4128856.5

Elevation: 566 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

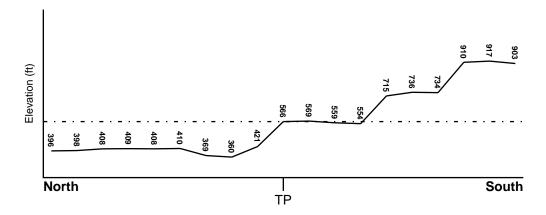
TOPOGRAPHIC INFORMATION

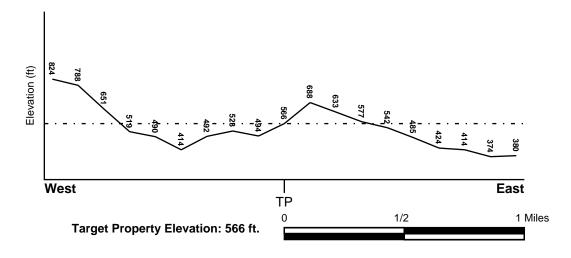
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County SANTA CLARA, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06085C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

CUPERTINO

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 The state of the

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Pliocene

Code: Tpc (decoded above as Era, System & Series)

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information											
	Boui	ndary		Classif	ication						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)				
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00				

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - loam

clay

Surficial Soil Types: gravelly - loam

clay

Shallow Soil Types: clay loam

clay

Deeper Soil Types: unweathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

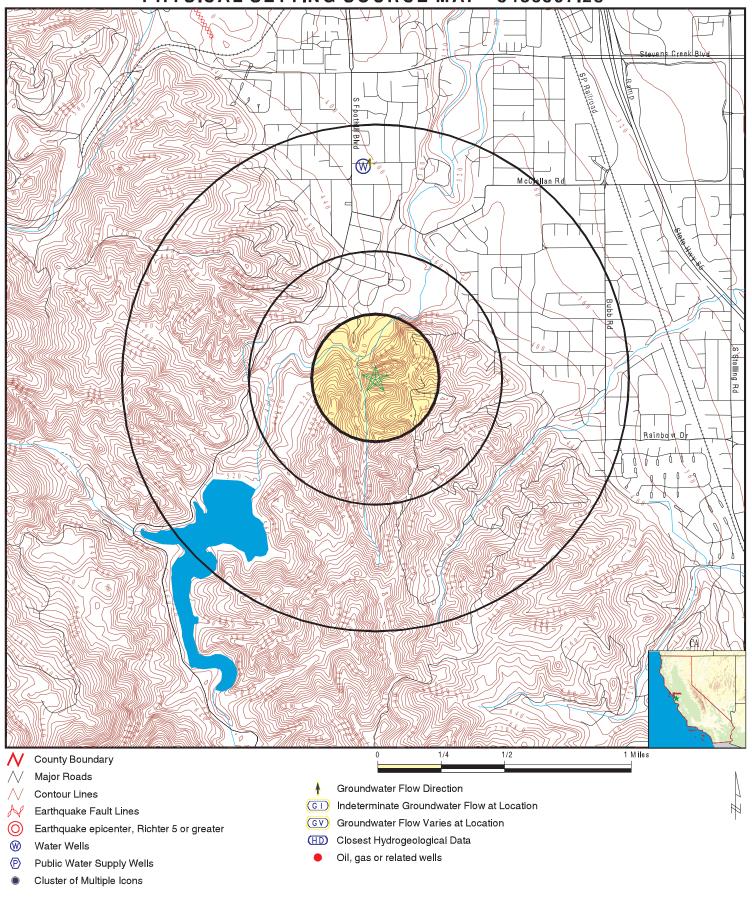
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

7851 1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 3488357.2s



SITE NAME: Phase I ESA ADDRESS: STEVENS CANYON RD

Cupertino CA 95014 LAT/LONG: 37.3045 / 122.0669

Cornerstone Earth Group

CLIENT: Cornerstone E CONTACT: Stason Foster

INQUIRY#: 3488357.2s

January 07, 2013 1:45 pm DATE:

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

North CA WELLS 7851

1/2 - 1 Mile Lower

Water System Information:

Prime Station Code: 07S/02W-22A01 M User ID: HEN FRDS Number: 4310018004 County: Santa Clara

District Number: 05 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY/G

Water Type: Well/Groundwater Well Status: Abandoned Source Lat/Long: 371900.0 1220400.0 Precision: Undefined

Source Name: PIPE GALLERY WELL 01 - ABANDONED

System Number: 4310018
System Name: City of Cupertino
Organization That Operates System:

10300 TORRE AVE CUPERTINO, CA 95014

Pop Served: 18200 Connections: 4199

Area Served: CUPERTINO

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		
95014	43	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95014

Number of sites tested: 3

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 0.267 pCi/L Living Area - 1st Floor 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Health Services

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B - HISTORIC AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.5

January 09, 2013

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography January 09, 2013

Target Property:

STEVENS CANYON RD

Cupertino, CA 95014

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Aero
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	Cartwright
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	NASA
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	EDR
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	EDR
1999	Aerial Photograph. Scale: 1"=500'	Flight Year: 1999	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR





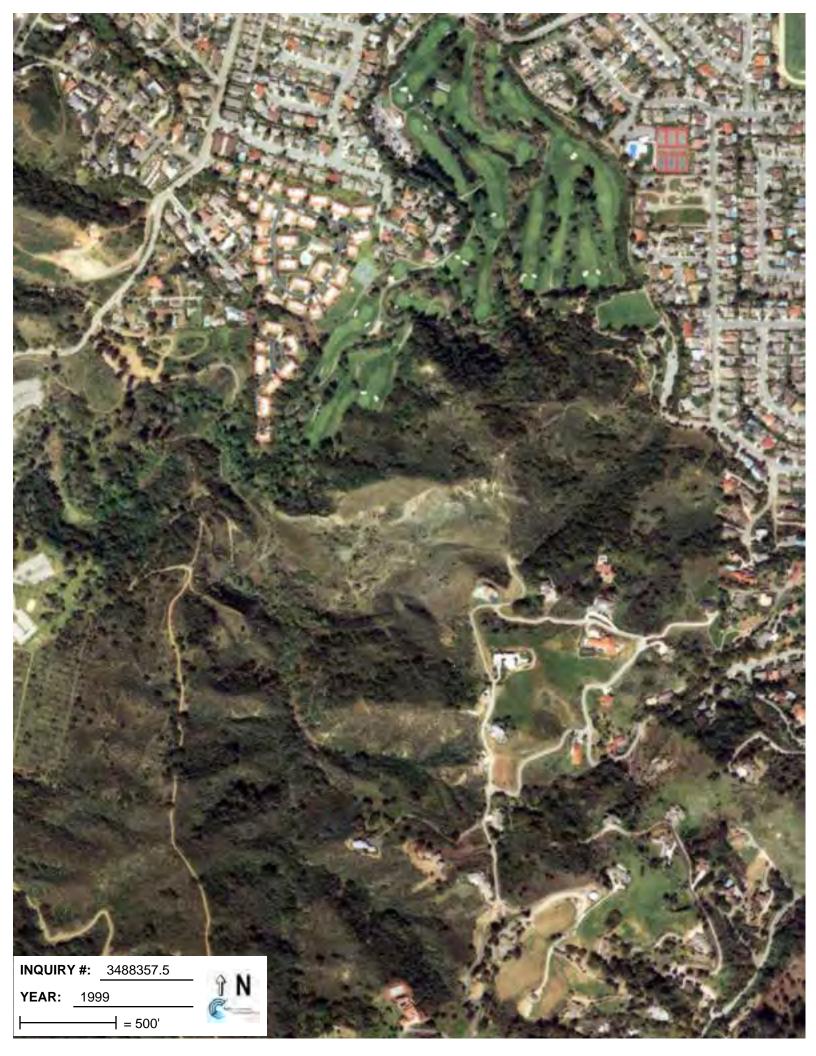




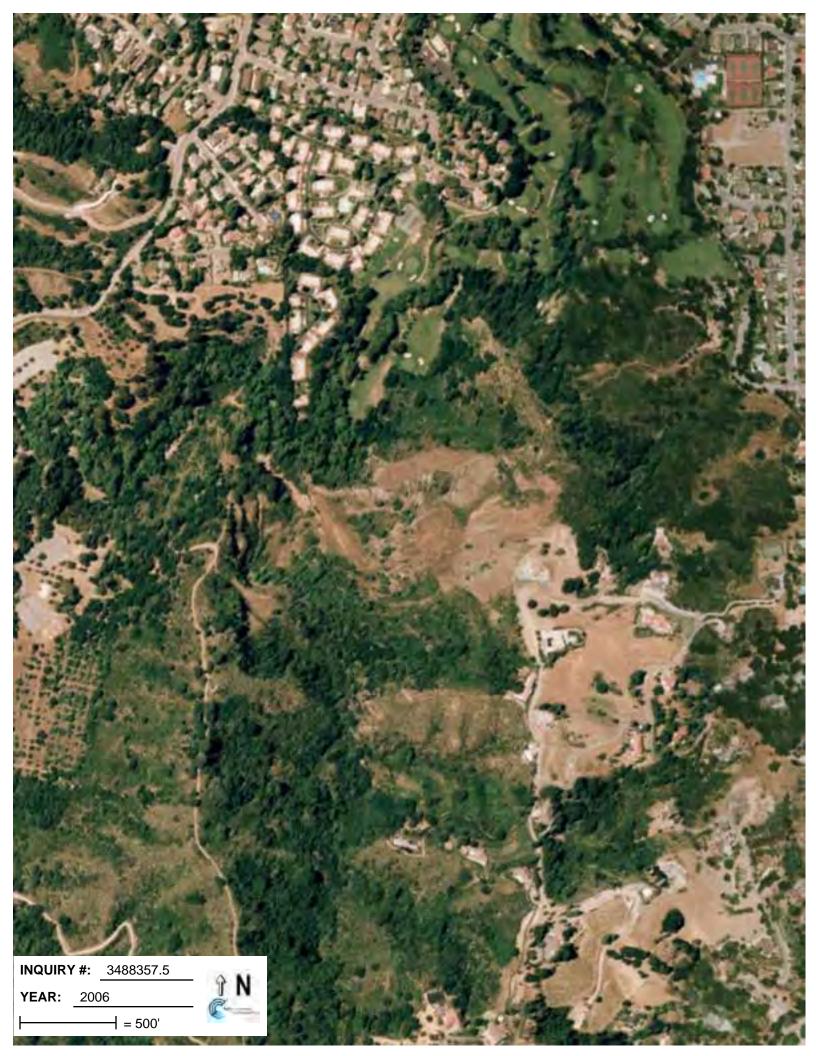












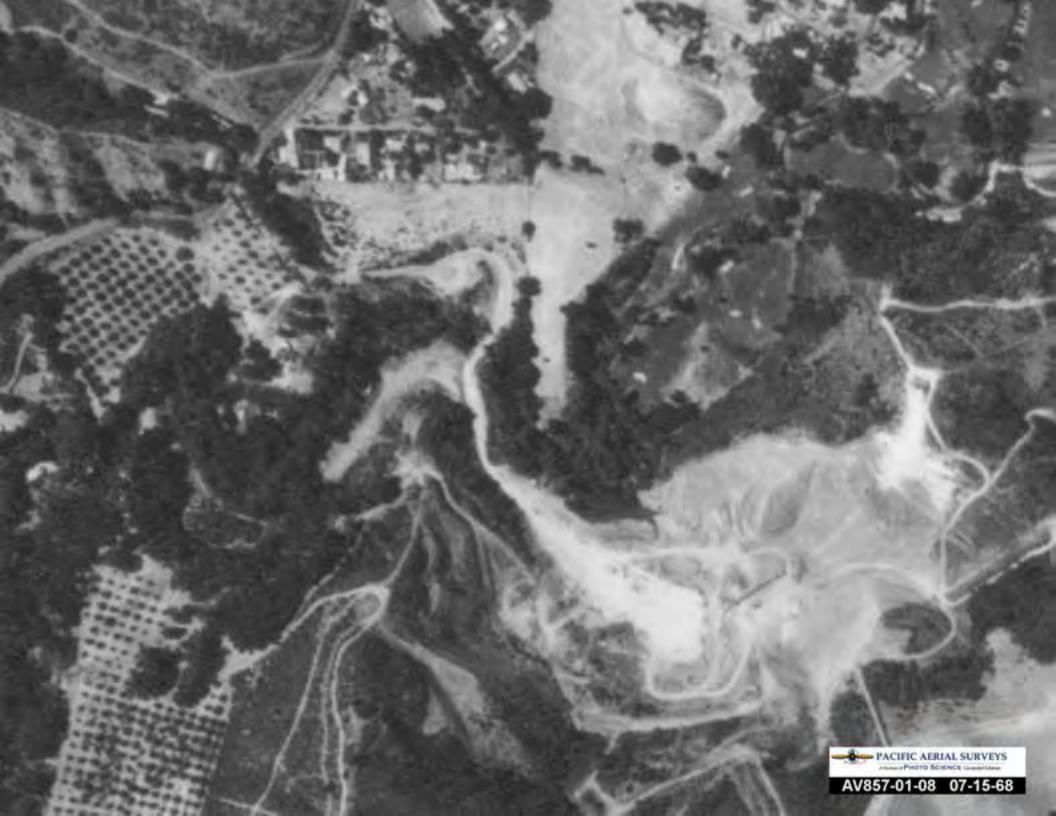


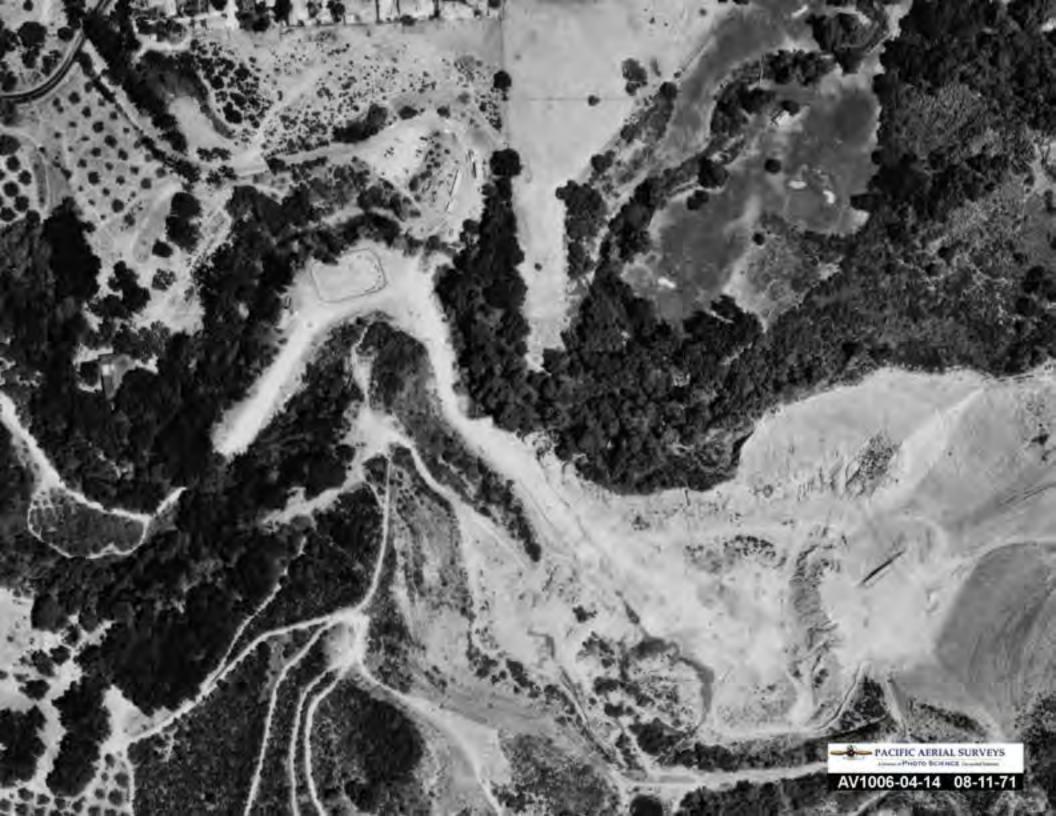
















Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.3

January 07, 2013

Certified Sanborn® Map Report



Certified Sanborn® Map Report

1/07/13

Site Name: Client Name:

Phase I ESA Cornerstone Earth Group STEVENS CANYON RD 1259 Oakmead Parkway Cupertino, CA 95014 Sunnyvale, CA 94085

EDR Inquiry # 3488357.3 Contact: Stason Foster



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Cornerstone Earth Group were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

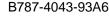
Certified Sanborn Results:

Site Name: Phase I ESA

Address: STEVENS CANYON RD City, State, Zip: Cupertino, CA 95014

Cross Street:

P.O. # 118-40-1
Project: Parkside Trails
Certification # B787-4043-93A6



UNMAPPED PROPERTY

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



Sanborn® Library search results Certification # B787-4043-93A6

The 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:

Library of Congress

University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.4

January 07, 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.

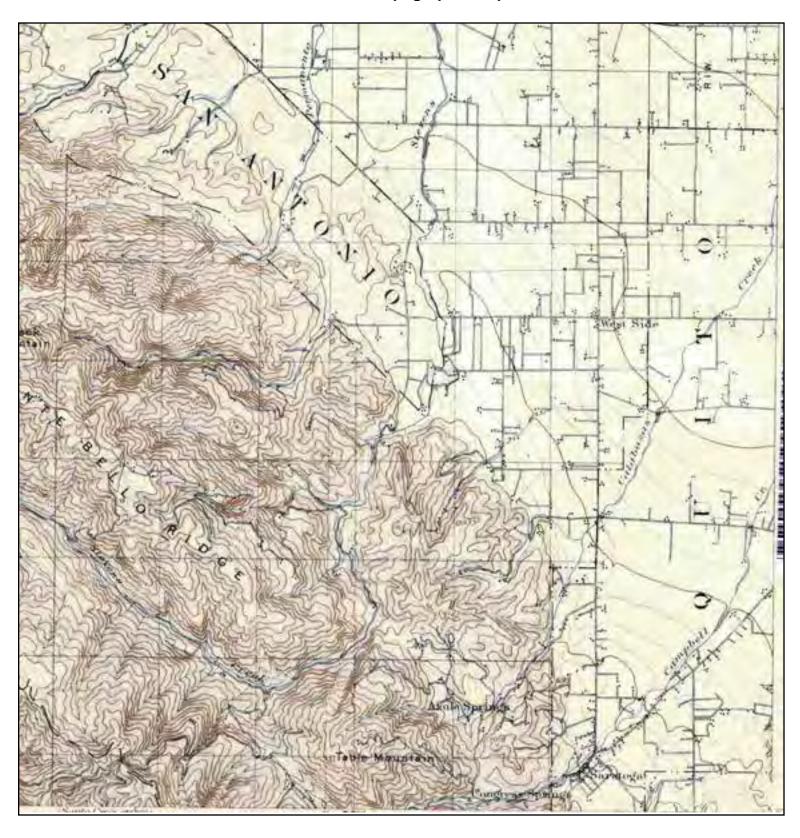
Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1899

SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

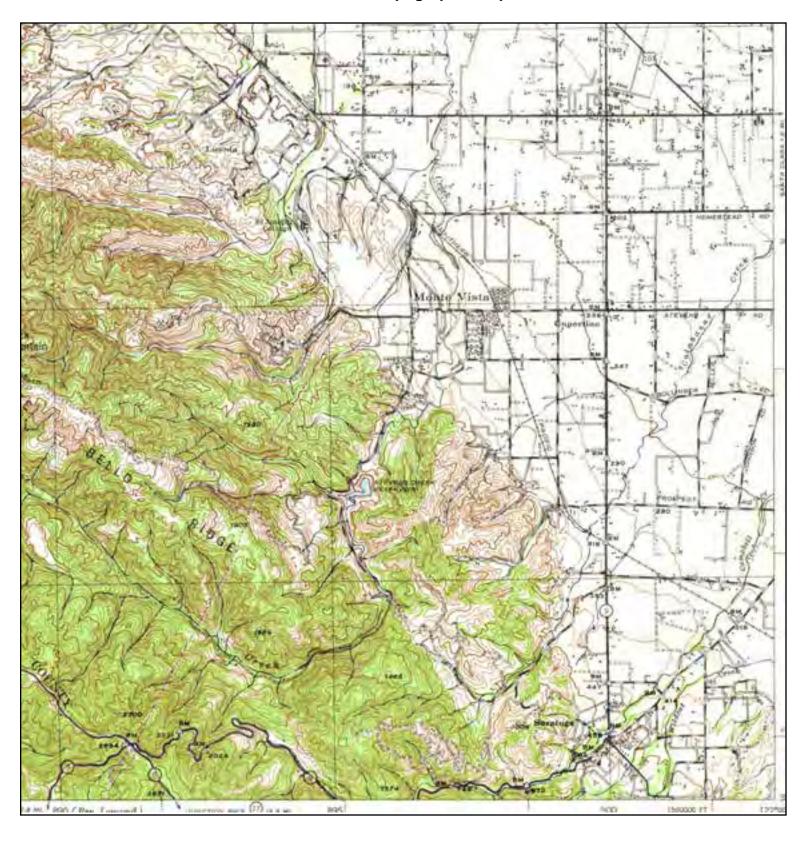
NAME: SANTA CRUZ

MAP YEAR: 1902

SERIES: 30 SCALE: 1:125000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014 LAT/LONG: 37.3045 / -122.0669 CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1943

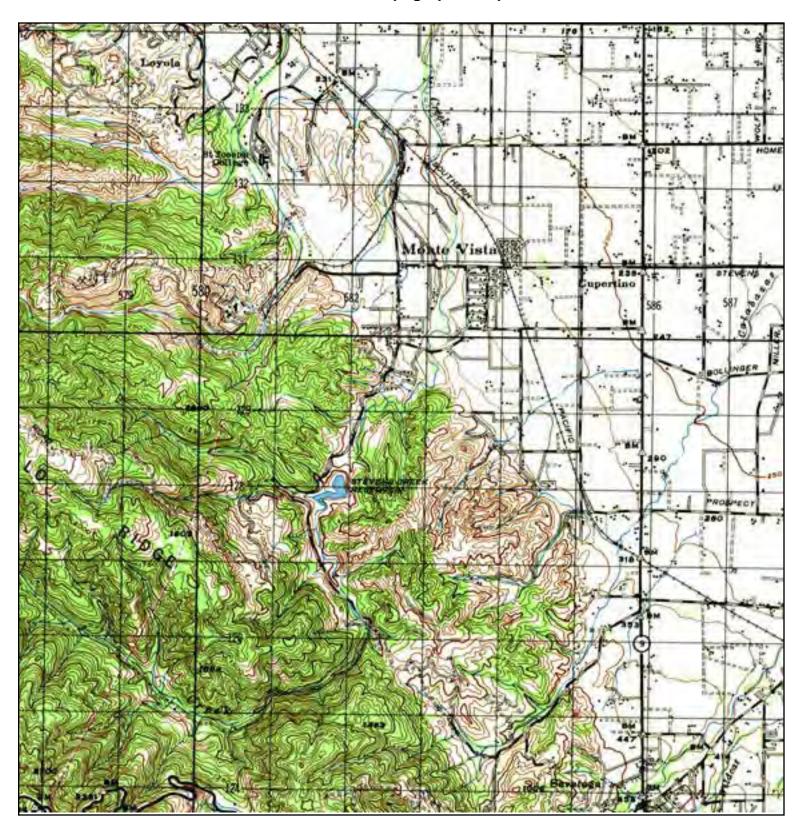
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1947

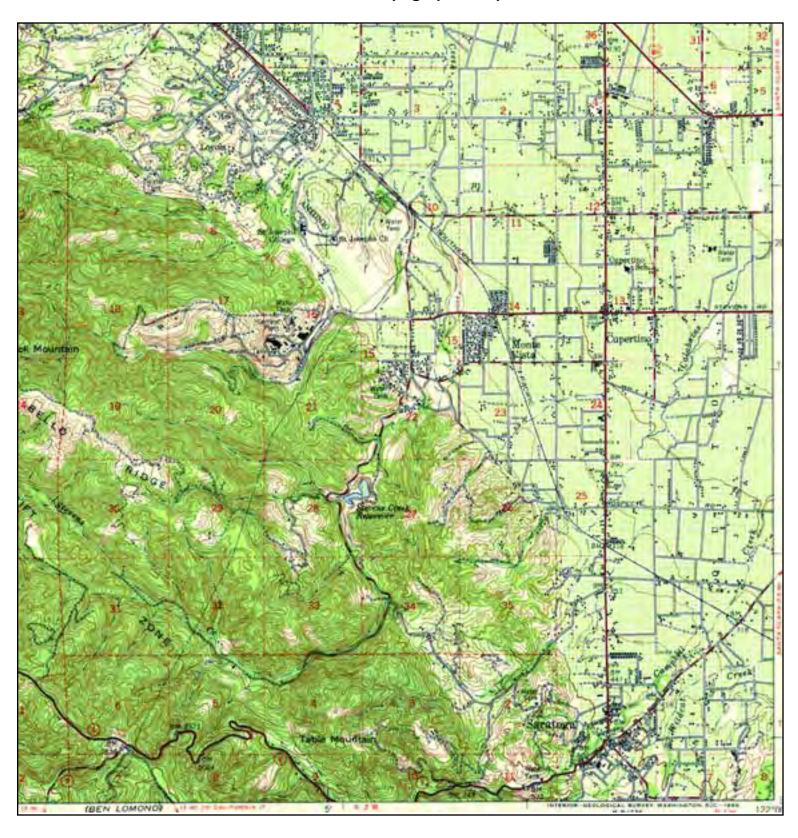
SERIES: 15 SCALE: 1:50000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1948

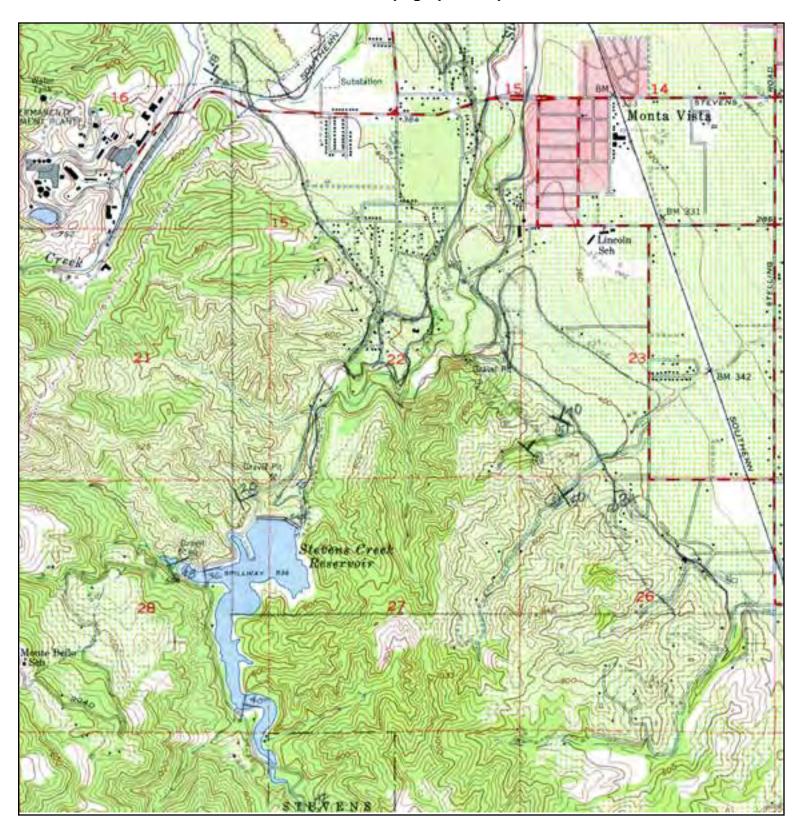
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1953

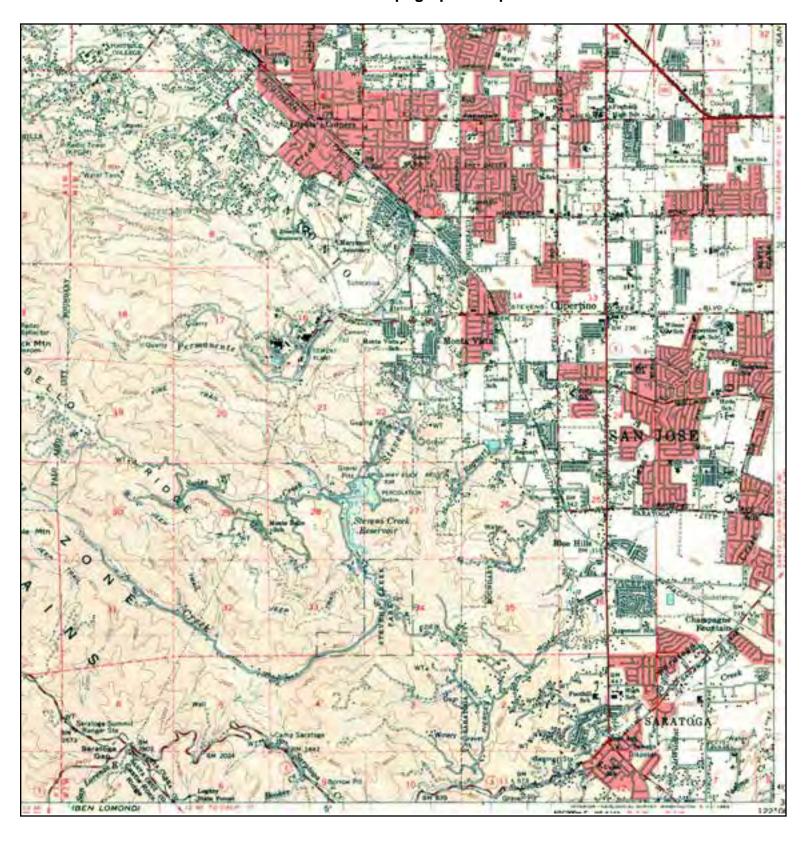
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1961

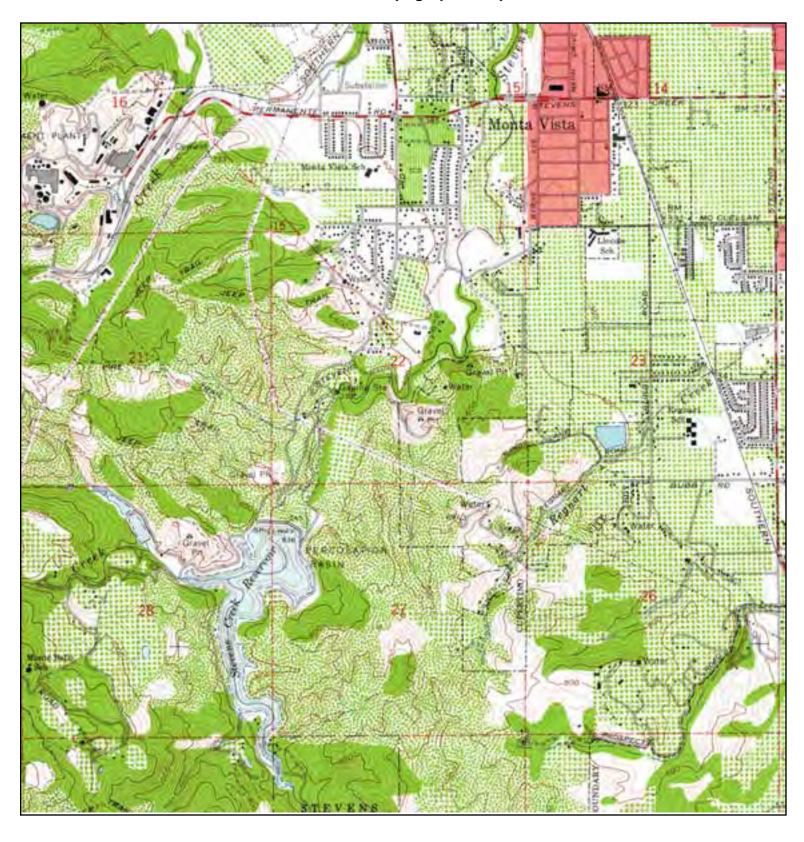
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1961

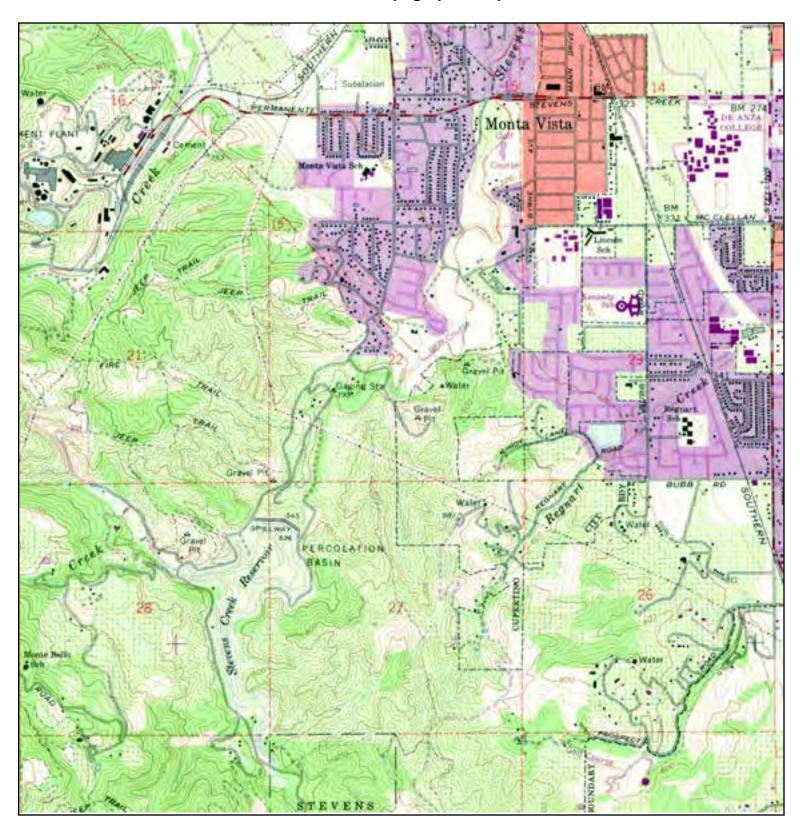
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1968

PHOTOREVISED FROM: 1961

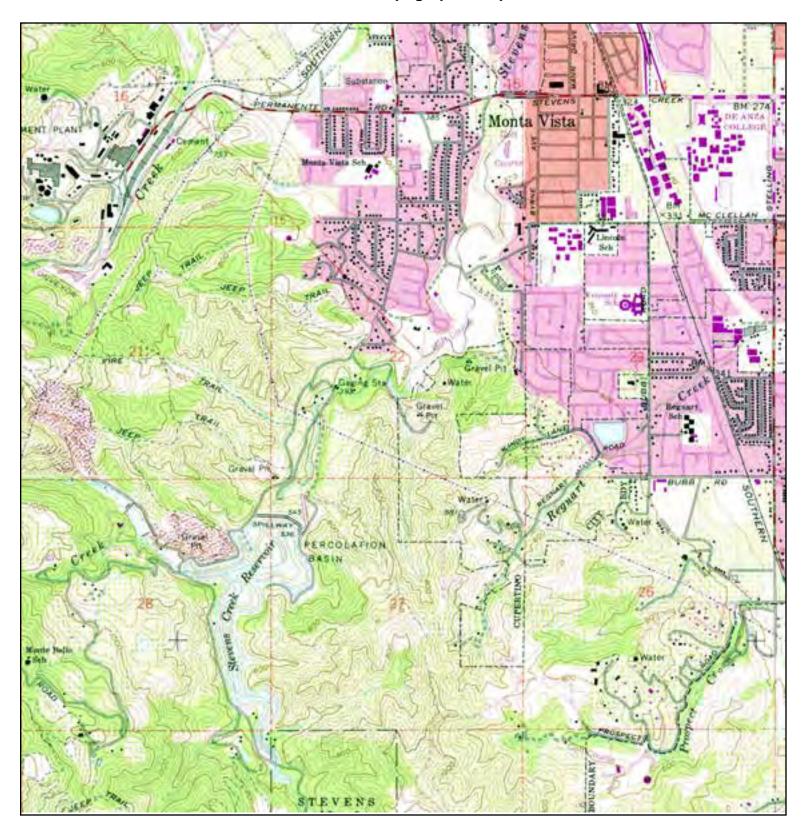
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ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1973

PHOTOREVISED FROM: 1961

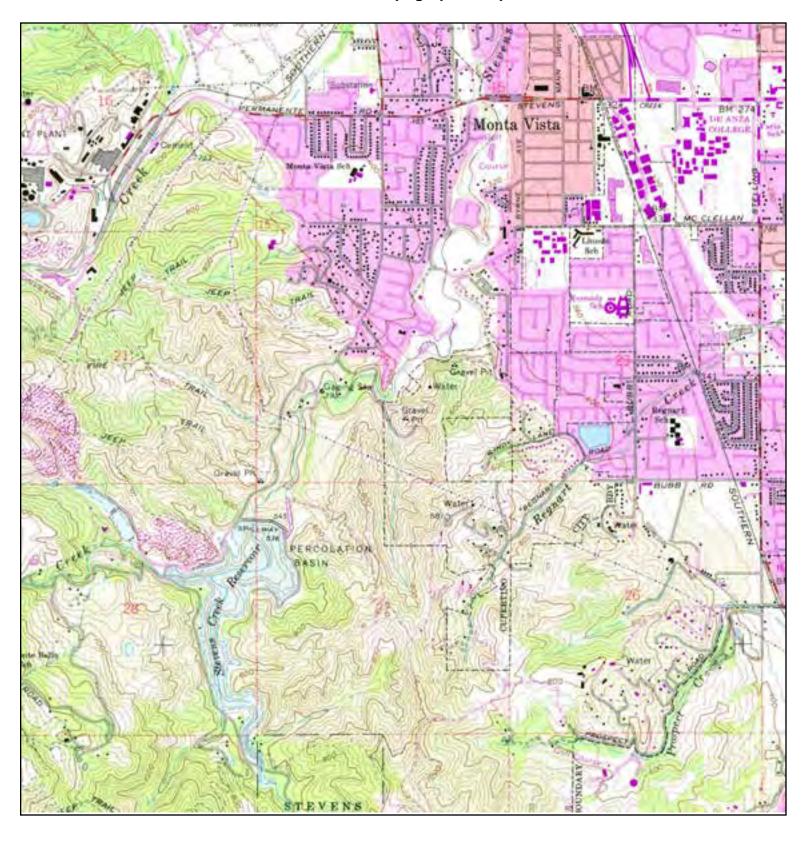
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1980

PHOTOREVISED FROM: 1961

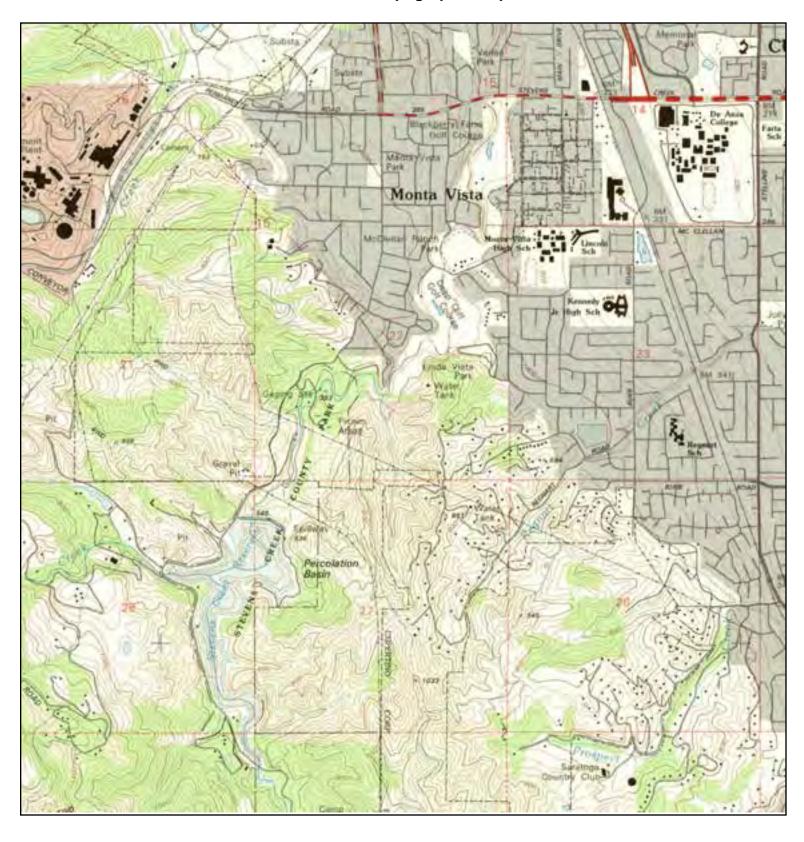
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1991

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group



APPENDIX C - LOCAL STREET DIRECTORY SEARCH RESULTS

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.6 January 10, 2013

The EDR-City Directory Image Report



TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2010	$\overline{\checkmark}$		Haines Criss-Cross Directory
2005	$\overline{\checkmark}$		Haines Criss-Cross Directory
2000	$\overline{\checkmark}$		Haines Criss-Cross Directory
1996	$\overline{\checkmark}$		Haines Criss-Cross Directory
1991	$\overline{\checkmark}$		Haines Criss-Cross Directory
1986	$\overline{\checkmark}$		Haines Criss-Cross Directory
1980	$\overline{\checkmark}$		Haines Criss-Cross Directory
1975	$\overline{\checkmark}$	$\overline{\checkmark}$	Haines Criss-Cross Directory
1970	$\overline{\mathbf{V}}$	$\overline{\mathbf{V}}$	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

STEVENS CANYON RD Cupertino, CA 95014

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
Stevens C	anton Rd	
2010	pg A1	Haines Criss-Cross Directory
2005	pg A2	Haines Criss-Cross Directory
2000	pg A3	Haines Criss-Cross Directory
1996	pg A4	Haines Criss-Cross Directory
1991	pg A5	Haines Criss-Cross Directory
1986	pg A6	Haines Criss-Cross Directory
1980	pg A7	Haines Criss-Cross Directory
1975	pg A8	Haines Criss-Cross Directory
1970	pg A10	Haines Criss-Cross Directory
1970	pg A9	Haines Criss-Cross Directory

3488357-6 Page 2

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
Mc Clellan	Rd	
2010	pg. A11	Haines Criss-Cross Directory
2005	pg. A12	Haines Criss-Cross Directory
2000	pg. A13	Haines Criss-Cross Directory
1996	pg. A14	Haines Criss-Cross Directory
1991	pg. A15	Haines Criss-Cross Directory
1986	pg. A16	Haines Criss-Cross Directory
1980	pg. A17	Haines Criss-Cross Directory
1975	pg. A18	Haines Criss-Cross Directory
1970	pg. A19	Haines Criss-Cross Directory

3488357-6 Page 3



Stevens Canton Rd

Rd 2010

		650-326- 1363 650-847- 1279 650-323- 3739 00 00	+0
1840 • PH	IAM Quynh	00	1
X	ILLINOIS	ST	
★ 0 BUS	13 RE	S 1 NEW	1
95014	CUPER WEALTH CO		
X	MCCLELI	LAN RD	
10645 • DE 10655 • TA	WAN Jahangir O Teh Yu	00 408-252-1105	4
X	ST ANDR	EWS AVE	
10688 • CH 10692 • HU	NG Youlin IU Henry Meng	00	8 7 7
10700 • HA	YES Christopher N Y J Bridget	408-446-0245 00 408-217-8615	+0

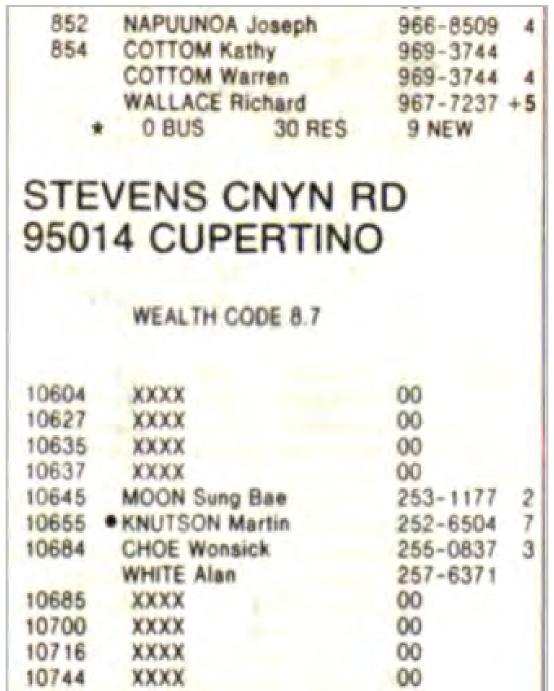
Stevens Canton Rd 2005 · WHITE L 650-326-1363 1800 650-325-4450 VINEGAR Bessie J 1815 FLAMER Mary F 1820 650-323-3739 MIRANDA Jorge 00 1825 FORD Betty J 650-325-8862 1827 PHAM Quynh 00 1840 15 RES 2 NEW 0 BUS STEVENS CANYON RD 95014 CUPERTINO WEALTH CODE 9 S FOOTHILL BLVD DEWAN Jahangir TAO Teh Yu 408-252-1105 10655 SHRADER Rand 10684 WHITE Alan 408-257-6371 00 WONG Lee 10685 10700 DAO C 408-255-8751 **HUSEY Donna** 408-973-8695 CHA Sanghak 408-257-7341 10716 CASIPE Ronald 408-725-8520 10730

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

Stevens Canton Rd 2000 REED James W 650-625-1505 854 +9 856 XXXX 00 HAMMOND Daniel N 860 650-969-6724 14 RES 2 NEW 0 BUS STEVENS CNYN RD 95014 CUPERTINO WEALTH CODE 9.0 FOOTHILL BLVD S MCCLELLAN RD ST ANDREWS DR XXXX 00 10604 XXXX 00 10627 XXXX 00 10635 GREER Jeff 00 10645 TAO Teh 10655 00 10684 7 **CHENG Mawy** 408-257-9116 WHITE Alan 408-257-6371 10685 WONG Lee-Land 408-446-4373 +9 10700 RHEE Jin Kwang +9 408-777-9440 MONTEON Jorge 10716 408-973-1531 +9 MOYER Andrew R 408-253-5912 +9 SANTAMARIA M. 408-865-1852 +9 10744 REBAUD Sylvain P 408-725-8327



10730

XXXX

Source

Haines Criss-Cross Directory



852	RIOS RO	BERT		964-5739	+6
	WESTBE	OOK ROBT	В	964-6261	5
854	JENKINS	JEFFREY		964-8886	+6
*	0 BUS	78 R	ES	13 NEW	
STE	/ENS	CNYN	RD	95014	
CUPI	ERTIN	Ю			
10604	XXXX			00	
10627	XXXX			00	
10627 10635	XXXX			00	
	XXXX			-	
10635	XXXX	O JOSE		00	
10635 10637 10645	XXXX XXXX XXXX NAVARR XXXX	O JOSE		00	
10635 10637 10645 10655	XXXX XXXX NAVARR			00 00 252-1961 00	0
10635 10637 10645 10655 10684	XXXX XXXX NAVARR XXXX WHITE A	LAN		00 00 252-1961 00 257-6371	
10635 10637 10645 10655 10684 10685	XXXX XXXX NAVARR XXXX WHITE A HARDIE	LAN		00 00 252-1961 00 257-6371 996-8271	3
10635 10637	XXXX XXXX NAVARR XXXX WHITE A HARDIE MILLER	LAN		00 00 252-1961 00 257-6371	0353

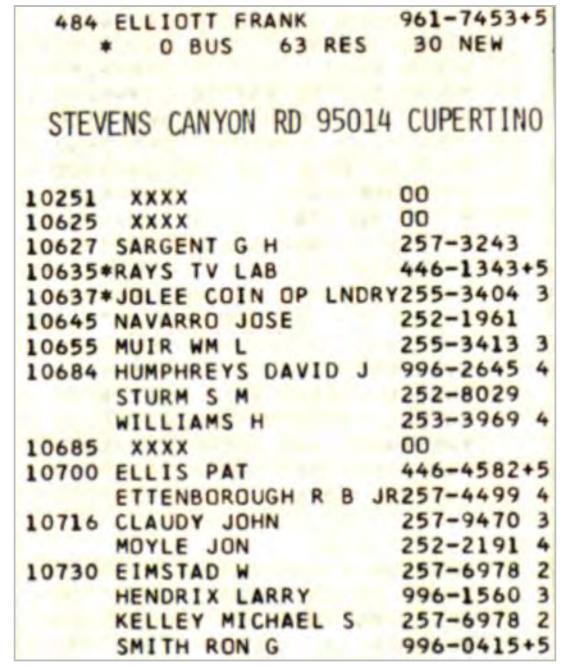
Stevens Canton Rd

1980

482	HOLGUIN ANTONIO	968-2708 9
484	ARMENDARIZ A C	961-3909 9
NO#	OSBORN CO INC	961-9248+0
*	1 BUS 42 RES	12 NEW
STEV	ENS CANYON	RD
	4 CUPERTINO	
10604	XXXX	00
10627	SARGENT G H	257-3243
10635	DJS COFFEE SHOP	446-4544+0
10637	XXXX	00
10645	NAVARRO JOSE	252-1961
10655	MUIR WM L	255-3413 3
10684	FARNHAM MIKE	252-6402+0
	WHITE ALAN	257-6371+0
10685	ROSE HELEN	996-8271 6
10700	JOHNSON L SCOTT	257-8286 9
	JONES KENT	252-7642 +0
	MCCARVILLE REX P	255-4461+0
10716	KABOGA WAMAITHA	
	SCOTT WILLIAM G	255-6870 7
10730	ALLEN JACKIE	255-2693 9
	BURKE ELIZABETH	255-2693 9

Stevens Canton Rd

1975



1970

Haines Criss-Cross Directory

Stevens Canton Rd

274-2348 3025 GRAEBER ROGER R GARCIA GUSTAVO 274-3869 3033 3039 DAWSON JAS L 274-3727 274-2161 NO # ATKINSON K BANK FRED J JR 274-4625 NO DELLOSSO LOUIS A 274-4418 NO CAROL R 274-2016 O BUS 12 RES

STEVENS CANYON RD 95014 CUPERTINO

10627 SARGENT G H 257-3243 10635*FOOTHILL BARBER SHP257-1013 10645 NAVARRO JOSE 252-1961 10684 FAST WM A 255-0610 STURM S M 252-8029 Target Street

Cross Street

<u>Source</u>

1970

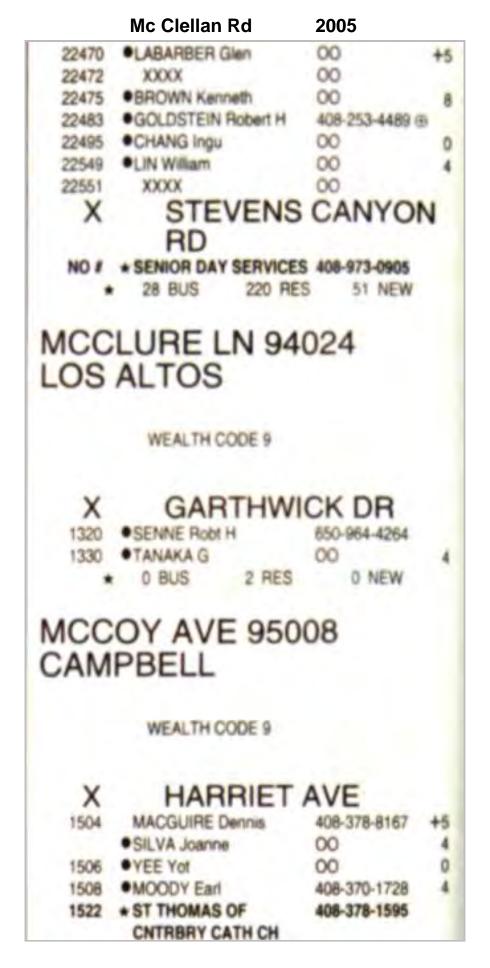
Haines Criss-Cross Directory

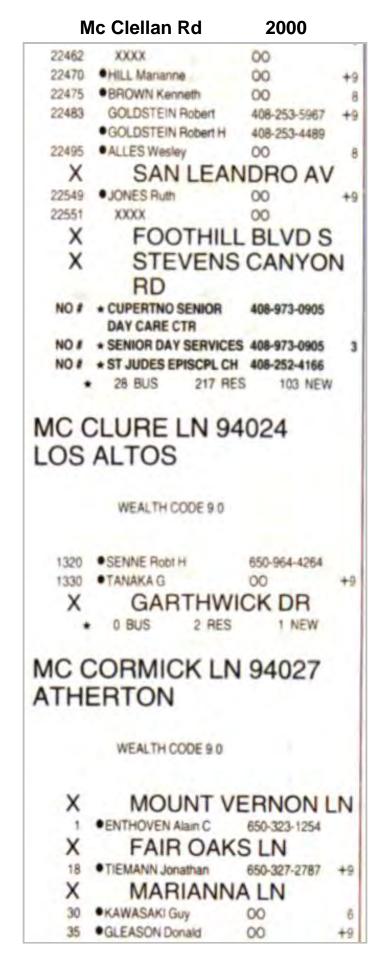
10685	ROSE IRENE	257-1099
10700	DUNCKLEY JAMES A	257-8178
	ZOEHRER RICHARD	252-5437
10716	FULLERTON JACK	252-1019
	SCOTT CAROLE J	253-8996
10730	LEIDICH PHILIP L	257-2568
10744	GRUYE V C	257-5148
	JOHNSON WAYNE M	257-6851
	LOH G M	252-9059

<u>Source</u>

Haines Criss-Cross Directory

Mc Clellan Rd 2010 22470 CHUANG Miao-huei 408-982-5806 HILL Mananne 00 22472 XXXX 00 22475 • BROWN Kenneth 00 SAN LEANDRO AVE 22483 • GOLDSTEIN Robert H 408-253-4489 22495 • CHANG Ingu 00 22549 • YANG Karen 00 22551 XXXX 00 STEVENS CANYON RD 23 BUS 192 RES 12 NEW MCCLURE LN 94024 LOS ALTOS WEALTH CODE 9.0 1320
SENNE Robt H 650-964-4264 GARTWICK DR X 1330 • TANAKA Temil 00 ★ 0 BUS 2 RES 0 NEW MCCOY AVE 95008 CAMPBELL WEALTH CODE 8.4 HARRIET AVE 1504 . VASWANI Sudeep 00 1506 • YEE You 00 1508 • MOODY Earl 00 1535 • BATIZ Jame 00





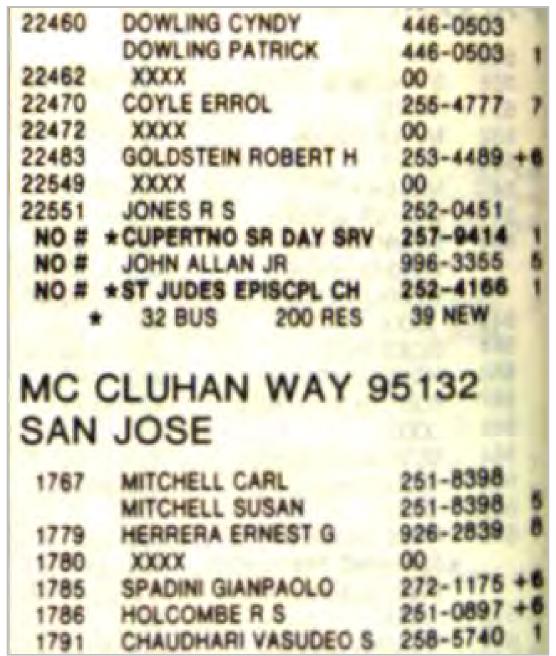
****	Mc Clellan Rd 1996	00	
22455	XXXX	00	
22460	CASTRO Ernie	725-0729	
	CASTRO Lori	725-0729	
22462	XXXX	00	
22470	COYLE Errol	255-4777	
22472	XXXX	00	
22483	GOLDSTEIN Robert H	253-4489	6
22551	JONES R S	252-0451	
NO #	*CUPERTNO SR DAY CRE	973-0905	7
NO #	*SENIOR DAY SERVICES	973-0905	3
NO #	*ST JUDES EPISCPL CH	252-4166	
1	26 BUS 202 RES	27 NEW	
	CLUHAN WAY	95132	
	JOSE	95132	
SAN	WEALTH CODE 9.0	95132	
SAN	JOSE	95132	
SAN	WEALTH CODE 9.0		
SAN	WEALTH CODE 9.0 MITCHELL Carl	251-8398	4
1767	WEALTH CODE 9.0 MITCHELL Carl MITCHELL Susan	251-8398 251-8398	4
1767	• MITCHELL Carl • MITCHELL Susan • WIEBES Anthony	251-8398 251-8398 00	4 9
1767 1773 1779	• MITCHELL Carl • MITCHELL Susan • WIEBES Anthony • HERRERA Ernest G	251-8398 251-8398 00 926-2839	4 9 2
1767 1773 1779	WEALTH CODE 9.0 MITCHELL Carl MITCHELL Susan WIEBES Anthony HERRERA Ernest G WEI Tuan Hsiang	251-8398 251-8398 00 926-2839 259-7558	

<u>Source</u>

Haines Criss-Cross Directory

	Mc Clellan Rd 199	1
22460	DOWLING Cyndy	446-0503
	DOWLING Patrick	446-0503
22462	XXXX	00
22470	COYLE Errol	255-4777
22472	XXXX	00
22483	GOLDSTEIN Robert H	253-4489 6
22549	XXXX	00
22551	JONES R S	252-0451
NO #	*CUPERTNO SR DAY SVS	973-0905 7
NO #	*ST JUDES EPISCPL CH	252-4166 1
4	21 BUS 192 RES	31 NEW
	CLUHAN WAY	95132
		95132 251-8398
SAN	JOSE	
SAN	JOSE MITCHELL Carl	251-8398
SAN 1767	MITCHELL Carl MITCHELL Susan	251-8398 251-8398
1767 1779	MITCHELL Carl MITCHELL Susan HERRERA Ernest G	251-8398 251-8398 926-2839 259-7558 9
1767 1779 1780	MITCHELL Carl MITCHELL Susan HERRERA Ernest G WEI Tuan Hsiang	251-8398 251-8398 926-2839 259-7558

Mc Clellan Rd 1986



Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

Mc Clellan Rd

1980

22450	CADA CARL C	257-1199
22455	LOVINFOSSE FRANK	253-6025+0
22462	DELOZIER ROBERT E	255-7935+0
22470	COYLE ERROL	255-4777 7
22472	FISCHER C	996-7696 8
22549	XXXX	00
22551	JONES KENNETH J	252-0451 2
	JONES RUTH	252-0451 1
		ER SIEISE
MC C	LUHAN WAY 9	57 NEW
		0, 1,4,1
	LUHAN WAY 9	0, 1,4,1
SAN	JOSE	5132
SAN 1767	JOSE XXXX	00 926-2839 8
SAN 1767 1779	JOSE XXXX HERRERA ERNEST G	00 926-2839 258-8193
SAN 1767 1779 1780	JOSE XXXX HERRERA ERNEST G DOMINGUEZ R DOS	00 926-2839 258-8193

Mc Clellan Rd

1975

		T ALCOHOL	FAR	P	_	A		~
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			R CI	LINTO	N	446-		5+5
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2245	O CA	DA	CARI	L C		257-	119	9
2245	5 CH	ANE	Y CI	LYDE	L	252-	381	3
2254	9 X	XXX				00		
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	10	NES	RU'	TH		252-	-045	1 1
	*	26	BUS	162	RES	65	NEW	
M	CLUI	AC L	IN		LOS		US	
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Mc Clellan Rd 1970

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22435	LUCAS PEARL I	252-1168
22440	SAULT CARMEN C	257-5449
22442	GAMBLE CLIFFORD JR	253-1460
22450	CADA CARL C	257-1199
22455	CHANEY CLYDE L	
	JONES KENNETH J	
		252-0451
22551		252-1321
NO #	*ST JUDES EPSCPL CH	252-4166
	* 9 BUS 78 RES	
	COVEY LN 95127 SAI	
304		
205	HARO TRINIDAD	
305	*ALOHAS STUDIO DANC	
	RIDDLE A J	251-4100
336	BLIMC ADDNED LOUN C	
	BUMGARDNER JOHN C	259-8517
337	BRAMBLITT ROBT E	259-8517
		259-8517 258-1977
384	BRAMBLITT ROBT E	259-8517 258-1977 251-2325



APPENDIX D – QUESTIONNAIRE



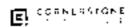
General Environmental Questionnaire

Cornersions Earth Group is performing a Phase Lenvironmental site assessment (ESA). The purpose of the ESA is to evaluate current and historic uses of the property that may have involved the use, generation, or storage of hazardous materials. Please respond to these questions to the best of your knowledge.

Return the completed, signed questionnaire by fax at (408) 245-4620 or by mail to the address below. Alternatively, a scanned copy can be smalled to stoster@cornerstonecarth.com. The completed questionnaire will be attached to the ESA report. Thank you for your assistance and timely response.

GENERAL PROPERTY INFORMATION

Address(es)		APN Numbers)
No known address	351-10-043 (42.437 acres)
· · · · · · · · · · · · · · · · · · ·		_
Property Size: see above (Sq. Ft. or Adri	es (arde ane))	
Current site owner(s) and purchase date:		
<u>Current Owner Name</u>		Year Purchased
Parkside_Trails LLC		2011(transfer)
Previous site owner(s) and dates of ownership:		
Prior Owner Name	Year Purchased	<u>Year Sold</u>
Pool Frog Investments, LLC	2010(lores/asure)	2011 (transfer)
Canyon Heights Academy Properties, Inc.	2001	2010 (lerectosuro)
Charles & Linda Corbalis Intervivos Trust	2000	2001



STRUCTURES AND OCCUPANTS

5) Please describe all on-site buildings: Date of Construction Building Size (sq. ft) Building Use None Polyble Water Source (e.g., day or other water agency, on-site well, etc.): \underline{NA} Sewago (Noposa' System (e.g., city sower, septic tank, etc.) \underline{NA} Heating/Cooling System and Fuel Source (e.g., electric, natural gas, fuel bit, etc.); $\overline{
m NA}$ 6) Current site tenant(s), site use, and years of occupancy: Years of Occupancy <u>io p. 7 gm 1995 (o 2007).</u> Tenant None 7) Prior site tenant(s), site use, and years of occupancy: Years of Occupancy Tenant Site Use (n.g., From 1975 to 1983). Access road for McDonald-Dorsa Quarry (occupancy unknown)



OTHER SITE FEATURES AND INFORMATION

B) Please indicate if you are aware of any of the following structures, features, or activities currently or formerly at the site.

			Do Not
Structure/Feature	Yes	No	Know
Aboveground Storage Tanks (ASYs:		区	
Agricultural helds		X	
Agricultural or denking water supply wells	D	×Х	🖵
Air emission control systems		X	
Areas where garbage or other wastes have been disposed on-site	X		
Bollers			i 🔲 🗆
Chemical mixing or processing activities		×	
Chemical storage areas		×	
Current or former drainage ditches, ponds, or streams		X	
Dry cleaning equipment		×	
Dry wells		×	
E!evators		(X)	
Emergency generalors		区	
Equipment maintenance or repair areas		X	
Fill majorials placed on-site (i.e. fill used to build up the site elevation		図	_
to surrent level)			<u> </u>
Ground water monitoring wells		X	
Ground water or soil remediation systems		<u>×</u>	. 🗖
Hydraulic lifts			
Incinerators		×	
Manufacturing machinery		X	
Medical Waste		X	
Oil or gas wells		X	
Petroleum pipelines		X	
Ra road lines		XI	
Septic lanks		X	
Stockpiles of soil or debris		\mathbf{x}	
Storage sheds	[□.	X	
Sumps, d'ardiers, o "water separators, or similar structures		图	[
Transformers		질	
Underground Storage Tanks (USTs)		区	<u> </u>
Vapor or dust central heads and ducting		×	
Waste burning areas (i.e. burn bit) or asti disposal area	\Box	াস	

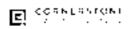
If you checked yes to any of the above, please provide additional information here or attach to this quiestionnaire

See Dames-Moore November 1999 report supplied to Demetri Loukas <dloukas@davidjpowers.com> by Darcy Pruitt



9) Please indicate if, to your knowledge, any of the following documents exist:

	Ì		Do Not
Document	Yes	No	Know
Environmental site assessments	X		
Environmental permits or violation notices	┌──	×	
Underground or above ground storage tank documents/permits		区	T 💳 1
Geolochnical reports or hydrogeologic studies			
Risk assessments	16-	ੋਂ ⊠ੋ	1 6 7
Hazardous materials management plans or chemical inventories		×	
Salety/emergency response plans or spill provention plans	18	囡	
Compliance audits or community light-to-know plans	i n	図	
Aspestos or lend based paint surveys	T 🗖 🗆	X	
Highly checked yes to any of the above, please indicate the location of the Campopies be provided? Yes	الملاز إل	`*‹ ሃ <u>ታ</u>	
Cartabalad Report 35 Feb 2001 (all		4	——
If so, please list types and quantities and where these materials are or v	vere lo	caled	
1) Are you aware of commonly known or reasonably ascertainable interpretation that would help the environmental professional to identify condition or threatened releases? For example, do you know of past uses of the that were or are present at the site, have knowledge of spills or other chor any environmental cleanups at the site. Yes No	ns ind : site. :	idative specific	of release chemicals
8 so, please or efly describe below, including whether reports document available for review by Cornerstone Earth Group.	ւույլ Լիզ	activit	ies are
······································			
2) Are you aware of any environmental cleanup liens against the site	That ar	e filed	or records



13)	use restrictions, o	any activity or use limitati or institutional controls the egistry under federal, triba No	ons (UALs), such as enginer at are in place at the site and il, state, or local law? —	aring controls, land I/or have been filed
	If so, please pnefly	describe below.		<u></u>
14)	relevant to hazard any governments	dous substances or petrol dentity regarding possible hazardous substances or No	d or past litigation, or admin eum products at the site, or violations of environmenta petroleum products?	any notices from
15)	Completed by:	au autok	Parkside Trans, CLC	01/07/2013
	Name (pont)	Signature	Company	Date



APPENDIX E - PRIOR REPORTS

PREFIMINARY
OFOTECHNICAL INVESTIGATION
CANYON BEIGHTS, LLC PROJECT
STEVENS CANYON ROAD
CUPERTINO, CALSTORNIA

FOR BERLINER COREN Tebrany (1, 200) (Revisel) Lebruary 7, 2001 (Revised) Job No. 2520 200 BGC BERLOGAR GEOTECHNICAL CONSULTANTS



Mr. Andrew I. Laber Berliner Cohen Ten Almaden Boulevard Eleventh Floor San Jose, California 95115-2333

Subject. Preliminary Geotechnical Investigation

Canyon Rel, hts. LTC Project

Stevens Conyon Road Corporting, California

Deer Mr. Labert

ANTRODUCTION

Fair report presents the results of our preliminary geotechnical investigation for the Canyon Heights, a LC project in Cupertino, Calatornia. The site is located in the southwest portion of Cupertino and is buildered by the Stevens Creek County Park to the west, residential developments including a golf course to the north and east, and residential development and open space to the south. The site is shown on the Vicinity Map, Plate 1.

Based on our discussion with you. Ms Virganta banelli and Mr. Terence Szewczyk of TS Cwill Engineering, we understand that the project will include a school development at the northwest corner of the site and at the former quarry thore area. Access to the development on the northwest corner of the site will be via Stevens Canyon Road. Two access road alternatives, generally designated as north access road and east access road, are presently being considered for the quarry floor development area. The north access road alignment runs from the northwest corner of the torner quarry floor over a sput ridge then crosses Stevens Creek, and then connects to Stevens Canyon Road. A bridge crossing at Stevens Creek will be required for the north access road. The east access road diagrament starts near the northeast corner of the former quarry floor, traverses an existing southwest facing quarry slope, follows a southwest-northeast direction valley and ties into I inda Vista Drive near the northeast corner of the site. Since the project is still at its early stage of pianning, details of the developments are not available at this time.

PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to assess the feasibility of the proposed developments and provide planning level recommendations for preliminary land planning and development of a rough budget for site improvement. Our scope of services included the following:

- Site reconnecsance and geologic mapping.
- Review of published maps and reports perfunent to the area.

- Examination of stereo-paired aerial photographs covering the site and vicinity.
- 4 Excavation of Asbackhoe test put to investigate the existing fill located at the former quarry floor.
- 5 Executation of three backhoe test pits to evaluate the bedrock structure of the spur tidge focused near the northwest corner of the site.
- Preliminary engineering and geologic analyses.
- Pregaration of this report

FIELD INVESTIGATION

Our field investigation was conducted from December 7 to 31, 2000 and included a site recommissance, geologic mapping, and excavation of 29 exploratory test pits. Test pits were excavated with a backhoe to depths ranging from 2 to 13 teet below the existing ground surface at the approximate locations as shown on the Preliminary Geologic Map. Plate 3. A representative from our office visually classified materials encountered in the field and a log was recorded. Test pits were backfilled with minimal compactive effort. Descriptions of the materials encountered in individual test pits are presented on Plates 3 through 7.

REGIONAL GEOLOGY

The site is located in the eastern portion of the Santa Cruz Mountains within the Coast Ranges geomorphic province of California which is characterized by northwest trending folded and faulted mountain ranges. Folding and faulting of the region is the result of tectant forces along the Pacific-North American Plate Boundary. Most rescarchers generally agree that the San Andreas fault marks the plate boundary in this region. The San Andreas Fault System is a broad zone of sub-quiallel, right-lateral, strike-slip faults. Focalized zones of compression and extension occur within this zone.

In the site vicinity, bedrock units of the Franciscan Complex underlie bedrock units of the Santa Clara Formation. Geologic structure in the site vicinity is composed of northwest tiending folds and imbricate fault traces related to the San Ardreas Fault System.

FAULTING

As currently designated by the State of California the site is not within an Earthquake Fault Zone (1974). Published maps by Hitchcock, Kelsen and Thompson (1996), Jeonings (1994). Wagner of all (1990), and Song and McLaughlin (1975) show a trace of the Monte Vista fault crossing the northern portion of the site. Jennings (1994) judged activity of this fault to be Late Pierstocene to Farly Holocene.

February 7, 2001 (Revised) Job No. 2530 200 Page 3

Our fault mapping and linearments observable on serial photographs roughly correlate to the location of the Monte Vista fault trace mapped by Hitchcock, Keisen and Thompson (1994), and Sorg and MeLoughlin (1975). The Monte Vista fault is a thrust fault and the main trace is mapped northeast of the site, near Linda Vista Drive.

According to XIr. Perry Worsy of the California Division of Mines and Geology (personal communication, 2000), the State of California has not zoned the Monte Vista fault under the Alquist-Prior o Earthquake Zonnig. Vet due to the lack of perlogic investigations and evidence for Holocene activity. However, the City of Cupertino does consider the Monte Vista, tagliactive and has zoned it as such. The northwestern portion of the site adjacent to Stevens Creek as within a City of Cupertino facility zone designated as 1-3. The City of Cupertino has a 1-3 designation on the northwestern half of the site.

Other seismically active faults in the region include the San Andreas and San Gregorio faults breated approximately 3 and 17 miles to the southwest, respectively. The Hayward and Calaveras builts are located approximately 15 and 19 miles to the northeast, respectively. Commigs 1994).

SITE CONDUCTIONS

SERFACE CONDITIONS

NORTHWEST DEVELOPMENT AREA

The porthwest development area is located on the north side of Stevens Creek and near the northwest corner of the site. The area is presently vocant with scattered trees. A paved road runs across the mean anapproximately east-west direction. With the exception of several piles of soils, the existing ground so face of area slopes gently downward in a southeasterly direction, from blevation 470 feet amon sea level rail Stevens Carryon Road to blevation 380 feet at the north bank of Stevens Creek.

QUARRY 11.00R DEVELOPMENT AREA

The quarry floor development area is located near the middle of the site on the south side of Stevens Creek. The area has been previously quarred for sand and gravel and is presently vacant with scattered trees, brushes and seasonal grasses. Quarry activities have substantially altered the natural topography in the area, resulting in a relatively flat quarry floor surrounded with out slopes as steep as 1 horizontal to 1 vertical (114:1V). The out slopes generally expose bedrock tmits of the Santa Chira Formation. The quarry floor slopes gently discussed in a northwesterly direction, from Flevation 430 feet at its southeast edge to Flevation 390 feet near the south bank of Stevens Creek. A plateau area at (approximately) Elevation 460 to 470 feet is located on the eastern portion of the quarry floor. Fiosion gallies were noted on the quarry floor, especially at the plateau area

February 7, 2001 (Revised) Job No. 2520,200 Page 4

NORTH ACCESS ROAD

The north access road alignment tims roughly along a spur ridge located near the northwest corner of the site and across Stevens Creek in a northeriv direction. The area is presently vacant and is covered with trees, brushes and seasonal grasses. At the location where the total alignment crosses the creek, the creek banks are arabout bievation 380 feet. The spar adjoints about \$20 feet above the creek banks.

TAST ACCESS ROAD

The east access road alignment runs step of existing cut slopes on the north and east sides of the plateau area of the former quarry floor and follows a southwest - northeast trending aliavial valley on the custom portion of the site. The area is presently vacant and covered with trees, brasines and sensonal grasses. The ground surface of the alignment varies from I levation 490 feet nor the northeast corner of the former quarry thornto I levation 610 feet east of the plateau area to Ecvation 440 feet near the northeast corner of the site.

SUBSURFACE CONDITIONS

NORTHWEST DEVELOPMENT AREA

Based on our review of published geologic maps and site accomaissance, we believe the northwest development area is generally underliarity of avial deposits. As shown on the Preliminary Geologic Map, six areas of fill were noted. Based on our visual observation, some of these fills appear to contain significant amounts of debris.

QUARRY FLOOR DEVITOPMENT AREA

As encountered in the test pits and shown on the Preliminary Geologic Map, the western one-third of the former quarry floor and the plateau oren are underlain by fill. It appears that the fill was placed during previous quarry operation. The fill is best described as clayey gravel to gravelly clay and contains minor amounts of debris, such as metal rock, glass bottles and occusional tree trunks.

The quarry floor development area is underlain by bedrock units of Santa Clara Formation. The existing cut slopes located along the perimeter of the former quarry floor generally expose bedrock units of Santa Clara Formation. The Santa Clara Formation was deposited during the Late Pliocene to Farly Pleistocene epochs of geologic time (approximately 0.3 to 3 million years before present). During our exploration we encountered conglomerate thinly interbedded with minor amounts of sandstone and claystone. The coarse-grained and clast supported conglomerate was observed to be, gray to prange-brown, weathered to highly weathered, weak to moderately strong and poorly to moderately indonated. The sandstone was gray to brown, weathered to highly weathered, friable to weak and poorly indurated. The claystone was brown, highly weathered and friable. As observed in test pits and on the existing cut slopes, bedding of the bedrock typically ranges from N60W to N80W dipping 32 to 65S.

February 7, 2001 (Revised) Joh No. 2520, 200 Page 5

A number of landslides have been identified on the existing out slopes surrounding the school development area. These landslides appear to be the result of over-steepened quarry slopes and consist mostly of slumps and tookfalls.

Free ground water was encountered during our exploration in Test Pits TP-8, TP-11, TP-15, TP-15, TP-16, TP-15 and 4P-23. Ground water was encountered at depths of about 1-12 to 15 feet, exclusively within till materials. The observed groundwater appeared to be perched groundwater and generally entered the test pits at an estimated rate of one to two pallons per minute.

NORTH ACCUSS ROAD

As encountered in the test pits and shown on the Preliminary Geologic Map, the spar ridge isomheral portion of the north access road alignment is generally underlain by conglomerate of Santa Clara Formation. The coarse-grained and clast supported conglomerate was red-brown, weathered to highly weathered, weak to moderately strong and poorly industed. As observed in test pas and exposed on the existing out slopes, bedding of the bedrock ranges from N45W to N88W dipping 32 to 65%. According to the published geologic maps, the northern portion of the alignment is underlain by alltimal deposits (Dibble), 1966).

FAST ACCUSS ROAD

The western portion of the cast access road alignment (located stop of the existing cut slopes on the north and east sides of the plateau area) is generally underlain by conglumerate interbedded with minor amounts of sendstone and classione. The course-pranted and class supported conglomerate was observed to be, gray to orange brown, weathered to highly weathered, weak to moderately strong and poorly to moderately indurated. The sandstone was gray to brown, weathered to highly weathered, britishly to weak and poorly indurated. The classione was brown, highly weathered and finishly. As observed in test pits and on the existing cut slopes, bedding of the bedrock ranges from N55W to N80F dipping 30 to 70S. The costern portion of the alignment is underlain by allowial deposits.

A number of landslides were mapped along the alignment of the east access road. With the exception of two landslides located atop of the existing cut slope on the east side of the plateau area, the mapped landslides appear to be surficial and have occurred as slumps and earth flows. Surficial landslide involves soils and deeply weathered bedrock. The two landslides located atop of the existing cut slope on the cust side of the piateau area appear deep-seated.

PRELIMINARY CONCLUSIONS AND RECOMMENDATIONS

GENERAL.

Based on the results of this preliminary investigation, we conclude that both the northwest development area and the quarry floor development area are suitable from a geotechnical standpoint for the proposed school development. Both access road alignments are geotechnically feasible. The preliminary conclusions and recommendations presented below are for the purposes of land planning

February 7, 2001 (Revised) Job No. 2520,200 Page 6

and rough budgeting, but are not surficient for design and construction of the project. A design-level genteclinical investigation should be performed to provide recommendations for the design and construction of the project.

NORTHWEST DEVELOPMENT

This portion of the site containing a considerable amount of fill that should be completely temoved during sate grading of the area proposed for development. If further investigation shows these fills to be relatively clean, it may be possible to tense these materials as engineered fill, provided they are free of vegetation, debuts and other deleterious matter.

A portion of the northwest development area is located within a City of Copertino fault zone designated as F-3. As required, a fault investigation should be performed to evaluate the presence or absence of active faulting in the area. Based on our review of published geologic maps, it doesn't appear likely that a fault investigation would expose active faulting in the area, however, this can only be determined through investigation.

QUARRY FLOOR DEVELOPMENT

We recommend that the existing fill located within the area to be improved be overexcavated and replaced as engineered till during site grading. The existing fill slope located on the west side of the plateau area should be reconstructed with proper key way and subdrainage. Subject to findings during the design level geotechnical investigation it may not be necessary to rework the existing fills in the play field and landscaping areas. New cut and fill slopes should be constructed at gradients of not steeper than 2H:1V

The fandshides mapped ctop of the cost slope and at the toe of the south slope of the plateau area could pose signaficant risk to the proposed school buildings. It is our opinion that these landshides should be repaired. In general, we judge that these landshides can be mitigated by removing the landshide debrts and reconstructing the slope with engineered fill with keyway and subdrainage.

The existing relatively steep our slopes around the former quarry floor appear to be mone to instability. The landslides that have occurred on the steep cut slope have formed debris flors at the toe of slope. Due to the height and steepness of these cut slopes, we recommend that the proposed school buildings and improvements be set back a minimum of 30 to 50 feet from toes of the slopes. The purpose of this is to provide an adequate catchment area for landslide debris and to provide access to maintain the catchment area.

We inticipate that the proposed school buildings can generally be supported on footing or mat toundations founded on engineered fill or bodrock.

February 7, 2001 (Revised) Job No. 2520,200 Page 7

NORTH ACCESS ROAD

The north access road will involve the construction of a bridge crossing Stevens Creek and cuts into an existing spur ridge on the south side of Stevens Creek, near the northwest corner of the site. Depending on its final alignment, the north access road may also cross a few small shallow landslides. Outs into the bedrock are required for the road construction. Based on the bedrock structure exposed at the existing cut slopes and observed in Test Pits TP-25. TP-26 and TP-17, we judge that cuts for the access road can generally be made at guadients of MTTV. It needed, the shallow juntshides can be mitigated by removing the landslide debris and replacing with enjoineered fill with key way and subdrainage, alternatively, the landslide debris may be removed entirely by design cuts. The earth materials generated from the ents can generally be used as engineered fill.

EAST ACCESS ROAD

A number of landshides have been identified along the proposed alignment of the cust access road. To reduce their adverse impacts to the east access road, these landshides will need to be indigated it this alignment is selected. In general, these landshides can be mitigated by 1 removing the landshide debris and replacing with engineered fill with keyway and subdrainage, 2) overexcavating the lower portion of the landshide debris and constructing a buttress catchinent area between the road and remaining portion of the landshide. Stremoving the landshide debris by design cut and 4) providing a softhick from the landshides.

Due to the steepness of the exiting ground surface of the road alignment, retaining walls are likely to be regarded for the construction of the east access road. The retaining walls can generally be 15 conventional cast-in-place concrete retaining wall supporting on facting or pier to indution 2 (soit und and shoterete wall, 3) mechanical stabilized earth (MSE) retaining wall and 4) soldier beam and logging wall.

New out and fill slopes for the cast access routh can generally be constructed at gradient of not steeper than 2H(1V)

LIMITATIONS

The preliminary conclusions and recommendations contained within this report are based upon the information provided to us regarding the project, subsurface conditions encountered in exploratory test pits, geologic reconnaissance, and professional addrement. This study has been conducted in accordance with current professional geotochnical engineering standards; no other warranty is expressed or implied.

The locations of test pits were determined from pacing from existing trees and did roads and other points of reference indicated on the topographic map prepared by Brian Kangus I oulk (dated January 23, 1995) and are considered approximate only. Plexations discussed in this text are also considered approximate only. Site conditions described in the text are those existing at the time of our last site

February 7, 2001 (Revised) Job No. 2520-200 Page 8

visit in December 2000, and are not necessarily representative of sucle conditions at other locations and times.

Respectfully submitted.

BERLOGAR GEOTECHNICAL CONSULTANTS

Keyin James Ryan Staff Geologist

Frank Phylogan

KJR PSL FB.pv

Copies: Addressee (6)

Attachments

Plate I - Vicinity Map

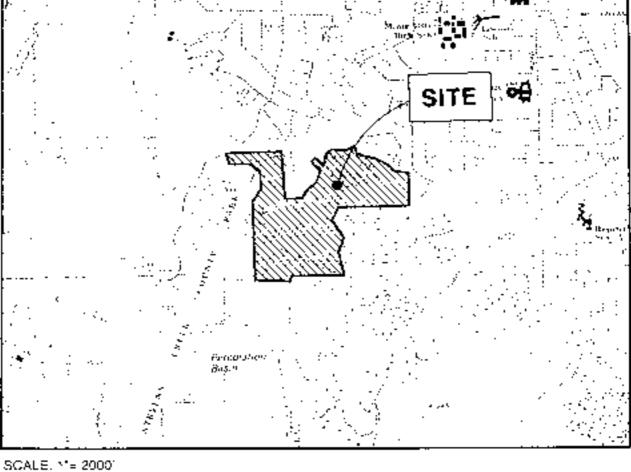
Plate 2 Preliminary Geologic Map

Plates 3 through 7 - Test Pit Logs

week regret 9419

REFERENCES

- Dames & Moore, 1994, Review of Geologic Hazards Permanente Master Plan, Cupertino, California, unpublished report.
- Dibblee, J.W., 1996. Geology of the Palo Alto Quadrangle. Santa Clara and San Mateo Counties. California, Map Sheet 8.
- Hitcheock, C.F., Kelsen, K.L. Thompson, S.C., 1964. Geomorphic Investigation of Deformation. Along the Northeast Margin of the Santa Uruz Mountains. Open File Report of 94-187.
- Jennings, C. W., 1994, "Lauft Activity Map of California and Adjacent Areas", California Geologie Data Map Series, Map No. 6, California Devision of Mines and Geology
- Sorg, D.H., and McLaughlin, R.J., 1975, Geologic Map of the Sargent-Barrocai Fault Zone Retween Los, Gatos, and Los, Altos. Hills, Santa Clara County, United States Geological Survey, Miscellangous Field Studies Map MF-643.
- Wagner, D.L., Bortugno, F.J., McJunkin, R.D., 1990, Geologic Map of the San Francisco San Jose Quadrangle, Regional Geologic Map Series Map No. 5 V.



Monta Vista

VICINITY MAP

CANYON HEIGHTS, LLC PROJECT

STEVENS CANYON ROAD CUPERTINO, CALIFORNIA FOR BERLINER COHEN

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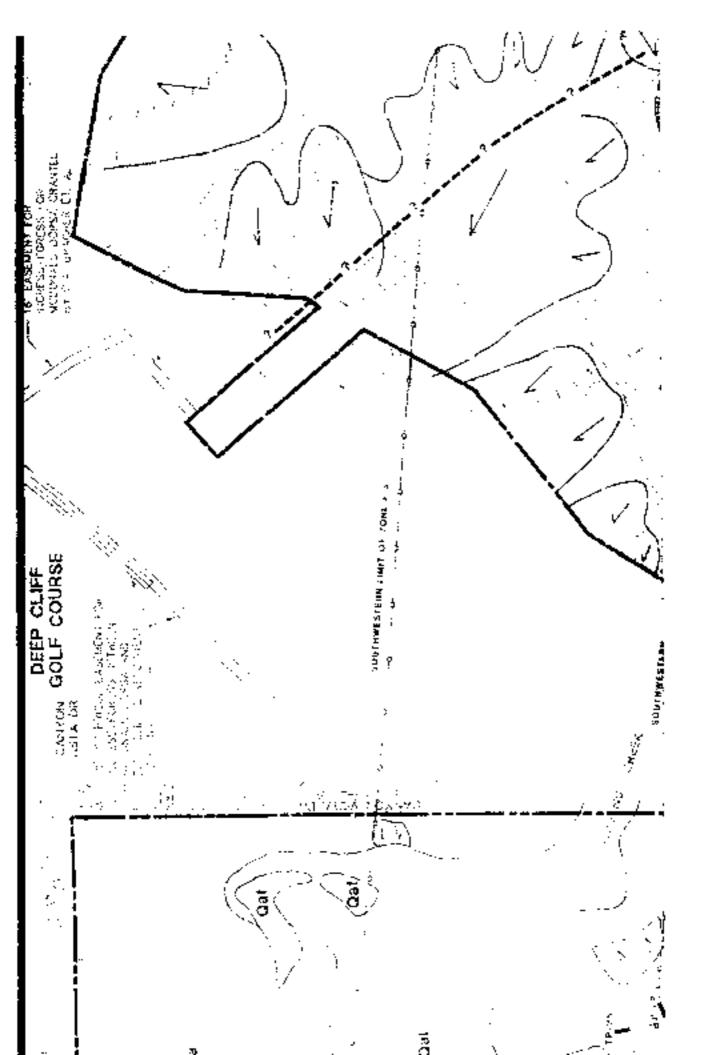
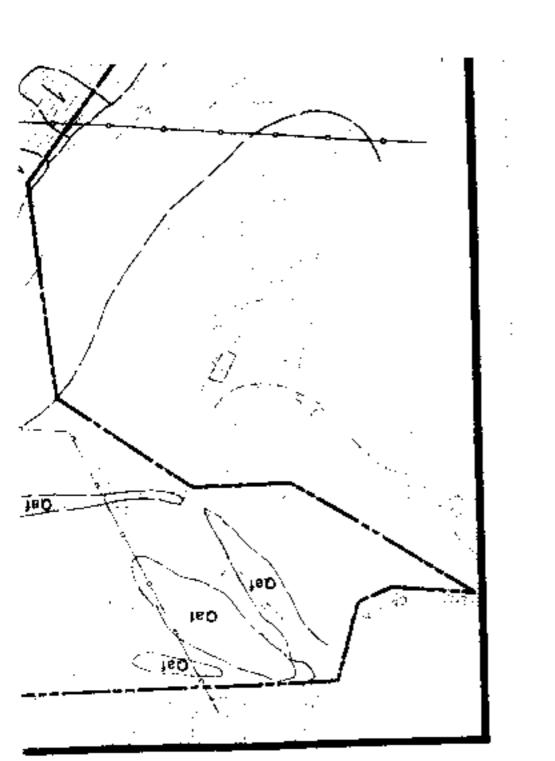
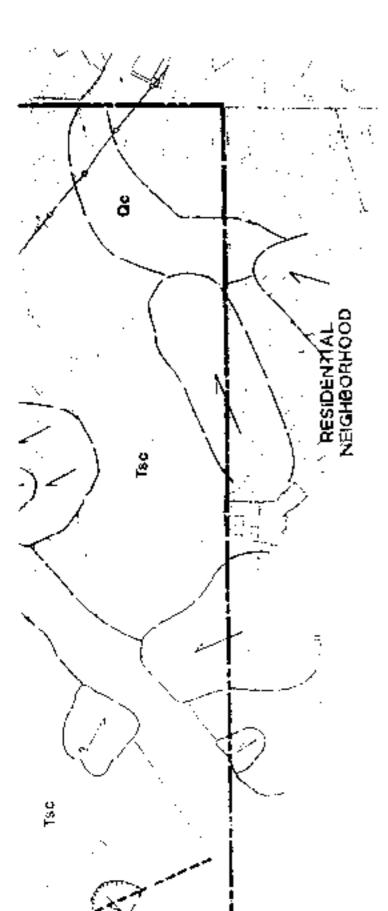


Plate 2 3/9

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EXPLANATION

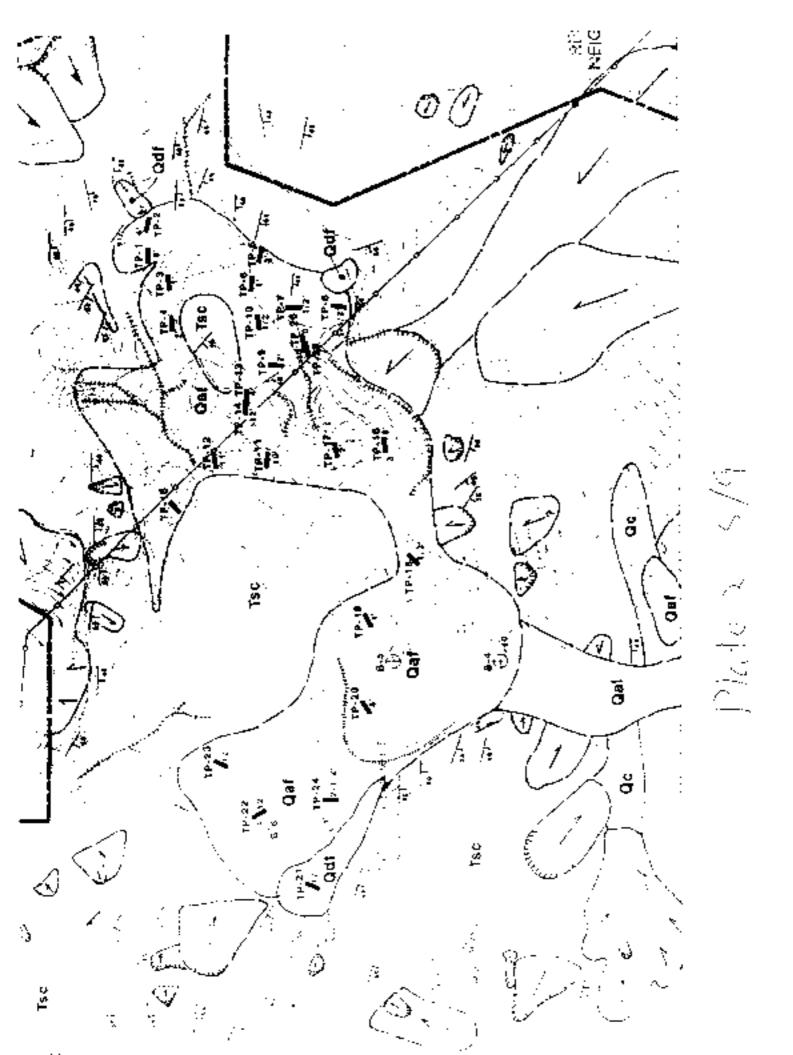
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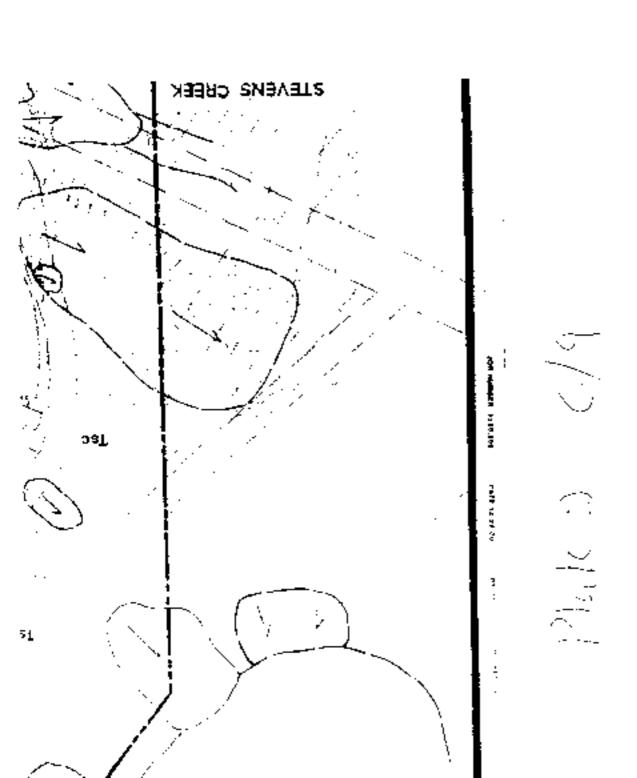


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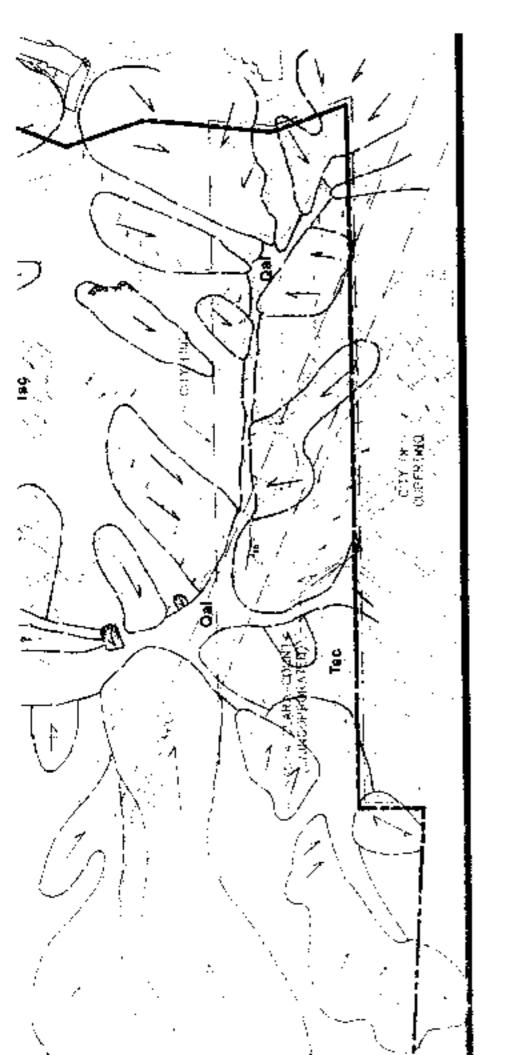
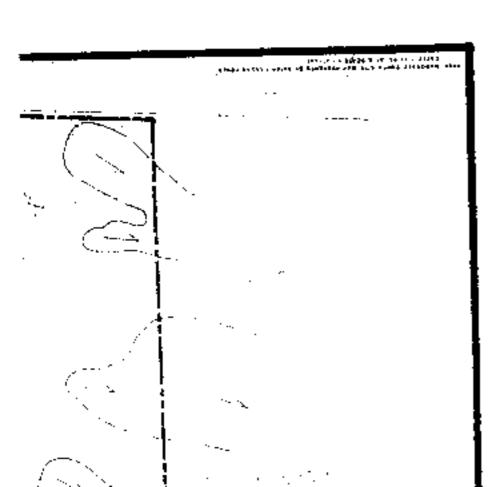


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REPORT
PHASE I ENVIRONMENTAL SITE
ASSESSMENT UPDATE
McDONALD DORSA PROPERTY
CUPERTINO, CALIFORNIA
FOR: PH PROPERTY
DEVELOPMENT COMPANY

Joh No. 27862-003-043 November 22, 1999



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November 22, 1999 Job No. 27862-003-043

PH Property Development Company 945 East Pace's Ferry Road, Suite 2515 Atlanta, GA 30326-1125

Attention:

Mr. Jeffrey Harland

Dear Mr. Harland:

Phase I Environmental Site Assessment Update
McDonald Dorsa Property
Cupertino, California
For PH Property Development_Company

This report provides an update to the Phase I Environmental Site Assessment (ESA) of the approximately 130 acre McDonald Dorsa property in Cupertino, California, originally prepared by Dames & Moore in 1995.

If you have any questions, please contact us at (415) 896-5858.

Very truly yours.

Dames & Moord

Raymond H. Rice

Principal Engineering Geologist

Michael R. Kitahara

Project Environmental Scientist

TABLE OF CONTENTS

			Page
EXE	CUTIV	'E SUMMARY	
1.0	INTE	RODUCTION	
2.0	PUR	POSE AND SCOPE OF SERVICES	
3.0	SITE	E RECONNAISSANCE	
	3.1	CURRENT USES OF THE PROPERTY	
	3.2	PAST USES OF THE PROPERTY	3
	3.3	EXTERIOR AND INTERIOR SITE OBSERVATIONS	4
	3.4	HAŽARDOUS MATERIALS	4
		3.4.1 Hazardous Waste	4
		3.4.2 Underground/Aboveground Storage Tanks	4
		3.4.3 Drums and Containers	4
		3.4.4 PCB-Containing Equipment	4
		3.4.5 Solid Waste	4
		3.4.6 Drains and Sumps	4
		3.4.7 Wells	5
		3.4.8 Pits, Ponds, and Lagoons	5
	3.5	ADJOINING AND SURROUNDING PROPERTIES	5
4.0	REG	ULATORY REVIEW	5
	4.1	AGENCY LISTS	
		4.1.1 Subject Property	
		4.1.2 Surrounding Properties	
	4.2	REGULATORY AGENCY CONTACTS	
5.0	CON	CLUSIONS AND RECOMMENDATIONS	7
REFE	ERFNO	res	g

FIGURES

Figure 1 Site Location Map

APPENDICES

Appendix A VISTA Database Report

REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE McDONALD DORSA PROPERTY CUPERTINO, CALIFORNIA FOR: PH PROPERTY DEVELOPMENT COMPANY

EXECUTIVE SUMMARY

Dames & Moore has completed a Phase I Environmental Site Assessment Update (ESAU) for an approximately 130-acre parcel of undeveloped land located in the City of Cupertino, Santa Clara County, California. Dames & Moore had initially performed a Phase I Environmental Site Assessment of the subject property in December 1995. Ancedotal information received from neighbors in late 1996 indicated that a landfill might have existed on the property during the 1960s and 1970s. Several investigations were then conducted and the former landfill was remediated by the City of Cupertino in 1998/1999.

This ESAU was accomplished by, and limited to, a site reconnaissance, a review of federal, state, and local agency lists, and contacts with governmental agencies.

A brief summary of Dames & Moore's findings regarding potential environmental concerns at the subject property is presented below.

Dames & Moore representatives visited the subject property on September 17, 1999. Staining or odors were not noted on the site, however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas. Hazardous materials, hazardous waste, aboveground fuel storage tanks or evidence of underground storage tanks, drums, containers, PCB-containing equipment, sumps, drains, ponds or lagoons were not observed onsite during the site reconnaissance.

The subject property was not identified on the VISTA database. Offsite agency-identified facilities located in adjacent or appraisant positions were not found. Site files were not found according to local regulatory agencies contacted. The remediation of the former landfill has been completed as documented in the September 8, 1999 CDM Final Removal Action Report that was submitted to the Santa Clara County Department of Environmental Health. The County has not yet sent a letter confirming concurrence that no further action is required for the site.

Based on scope of services performed for this ESAU. Dames & Moore does not recommend further investigation of the subject property at this time.

1.0 INTRODUCTION

This report presents the results of Dames & Moore's Phase I Environmental Site Assessment Update (ESAU) conducted for an approximately 130 acre parcel of undeveloped land located in City of Cupertino, Santa Clara County, California (Figure 1). Dames & Moore performed the original Phase I Environmental Site Assessment (ESA) in December 1995 (Dames & Moore, 1995). Anecdotal information obtained from neighbors in late 1996 indicated that an approximately one acre portion of the property formerly operated as an unregistered landfill. Several investigations have occurred in this area and remediation of the former landfill was accomplished by the City of Cupertino in 1998/1999, as described in Section 3.2 of this report.

2.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this ESAU is to update current features, activities, facilities, and conditions at the subject property to evaluate the potential presence of hazardous substances and the potential impact such substances may have on soil and groundwater quality at the site. To meet this objective, Dames & Moore completed the following tasks:

- Performed a reconnaissance survey of the subject property to make visual observations of existing site conditions and activities, and performed a drive-by survey of the area within a ¼ mile radius of the site to observe types of general land use within the search area;
- Reviewed a computer database report of available federal, state, and local agency lists of known or potential hazardous waste sites or landfills and sites currently under investigation for environmental violations in the vicinity of the subject property; this report was prepared by VISTA Information Solutions, Inc. under subcontract to Dames & Moore;
- Conducted inquiries by telephone or in writing to the following regulatory agencies
 for information regarding environmental permits, violations or incidents, and/or
 status of enforcement actions at the subject property and surrounding properties;
 - Sama Clara County Department of Environmental Health (SCCDEH) and
 - Sama Clara Valley Water District (SCVWD).
- Prepared this report describing the research performed and presenting Dames & Moore's findings and professional opinions regarding the potential for environmental contamination at the subject site.

Based on the scope of services outlined in this proposal, this ESAU specifically did not include evaluation for the presence of asbestos, wetlands, testing for radon gas, lead-based paint, or lead in drinking water at the subject property.

3.0 SITE RECONNAISSANCE

Dames & Moore representatives visited the subject property on September 17, 1999, between the hours of 9:00 and 11:00 a.m. Weather conditions at the time of the visit were partly cloudy, with a temperature of approximately 75 degrees Fahrenheit. Our site visit included a walk-through reconnaissance of the subject property.

3.1 CURRENT USES OF THE PROPERTY

The subject property consists of four parcels of undeveloped land totaling approximately 130 acres and traversed by Stevens Creek, which flows northeasteriy across the property. Staining or odors were not noted on the site, however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas.

The primary entrance to the subject property is a former haul road off Stevens Canyon Road near its intersection with Ricardo Road. This road is paved, although in poor condition, and extends to a former crossing of Stevens Creek. The bridge formerly crossing the creek has been removed. An approximately one acre portion of the property near Stevens Canyon Road, a former unregistered landfill, was remediated by the City of Cupertino in 1999, as described in Section 3.2. The recent grading activities have resulted in a level topography in this area. Hydroseeding was recently completed by the grading contractor.

Much of the property to the south of Stevens Creek is covered with dense brush, although there are trails used by bikers and hikers through the brush. The former haul road continues south across the creek (although the former bridge across the creek no longer exists) to a former gravel mine and mining pit. The cut slopes of the former gravel pit were not flattened after mining operations ceased, and they are very steep in places, greater than 1:1 (horizontal:vertical). The mined area is covered with vegetation, primarily grasses and scrub shrubs. However, crossion on the slopes of the mined area is severe in places, and gullies have formed in the pit floor. Trails used by hikers and bikers cross the floor of the former gravel pit.

Overlooking the mined area are hills to the east and west. The acrial photographs reviewed as part of the original Phase I ESA show access mads for the mining had been made on these hills, but the mads are mostly overgrown. The hill east of the pit has only hiking trails on it, and is relatively underdeveloped. The hill west of the mined area /has an access road for the Pacific

Gus and Electric Company transmission lines which cross the southwest corner of the property. This is a dirt road which is maintained. There are also hiking and biking trails on this hill. The valley to the southwest of the mined area is undeveloped.

Physical evidence of USTs, ASTs or wells was not observed on the subject property.

3.2 PAST USES OF THE PROPERTY

As indicated in Dames & Moore's 1995 ESA, the parcel has been primarily undeveloped, although gravel mining operations occurred onsite in the early to mid 1970s. According to personnel associated with past mining operations, no drilling or blasting was performed in conjunction with gravel extraction. Horse stables were reportedly located onsite in the late 1980s until they were removed due to neighborhood complaints regarding the prevalence of flies.

During the fall of 1996, anecdotal information received from neighbors indicated that a small portion of the property operated as an unregistered landfill during the 1960s and 1970s. To determine if this information was accurate, PH Property Development Company contracted with Dames & Moore to conduct an investigation in an attempt to identify the existence of a former landfill. A geophysical investigation consisting of a magnetometer survey, electric resistivity survey and seismic refraction profiling was conducted by a subcontractor to Dames & Moore (JR Associates, 1997). The results of this investigation revealed that an approximately one acre portion of the property, near the intersection of Stevens Canyon Road and Ricardo Road, had formerly functioned as an unregistered landfill.

The City of Cupertino took lead responsibility for cleaning up and remediating the former landfill, and conducted a series of investigations to characterize its contents as well as its lateral and vertical extent. The City subsequently developed and implemented a Removal Action Workplan that involved excavation and off-site disposal of landfill materials as well as environmental sampling and analysis to demonstrate completion of remedial activities. The work was conducted in accordance with the Environmental Cleanup Agreement between the City and the Owner dated September 26, 1997. These activities are summarized in two reports prepared by Camp. Dresser, and McKee Inc. (CDM), consultants to the City (CDM, 1998, 1999).

Upon completion of site remediation, a Site Restoration Plan was developed by Brian Kangas Foulk. Consulting Engineers (BKF) on behalf of the Owner. Dames & Moore (D&M) has provided environmental and geotechnical consulting services to the Owner during the entire remediation and restoration process.

Our report presenting the results of our observations and investigations relative to environmental and geotechnical issues associated with restoration activities is submitted under separate cover (Dames & Moore, 1999).

3.3 EXTERIOR AND INTERIOR SITE OBSERVATIONS

Buildings were not observed onsite.

3.4 HAZARDOUS MATERIALS

Hazardous materials were not observed onsite.

3.4.1 Hazardous Waste

Hazardous wastes or activities generating hazardous wastes were not observed onsite.

3.4.2 Underground/Aboveground Storage Tanks

Aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) (e.g., vent pipes, fill ports, or patched concrete or asphalt) were not observed onsite.

3.4.3 Drums and Containers

Drums or containers were not observed onsite.

3.4.4 PCB-Containing Equipment

Electrical transformers, hydraulic equipment or other devices potential containing polychlorinated biphenyls (PCBs) were not observed onsite.

3.4.5 Solid Waste

Solid waste is not generated onsite.

3.4.6 Drains and Sumps

A subdrain system has been installed as part of site restoration activities, described in the Site Restoration Report (Dames & Moore, 1999). Rainwater runoff is transported through the drainage system to Stevens Creek. Evidence of hazardous material disposal is or around the drains were not observed. Sumps were not observed on the subject property.

3.4.7 Wells

No evidence of wells were observed on the subject property; however, records of the Santa Clara-Valley Water District (SCVWD) indicate that one well formerly existed on the south side of Stevens Creek, near the western property line. This well was reportedly destroyed.

3.4.8 Pits, Ponds, and Laguons

Former gravel mining activities occurred in the early to mid-1970s as described in Sections 3.1 and 3.2. Evidence of drilling, blasting or chemical use were not observed onsite. No ponds or lagoons were observed on the subject property; however, a small earthen embankment is located along a raying in the southeastern portion of the property.

3.5 ADJOINING AND SURROUNDING PROPERTIES

Residential development has occurred to the north, east and southeast of the site. There are also a golf course and city park which are adjacent to the northeast boundary of the subject property. Southwest of the site is undeveloped land that is part of the Mid-Peninsula Regional Open Space system. Along the west and northwest boundary of the site is Santa Clara County Park. This park has been developed to provide recreational access, parking, pienic and bathroom facilities.

4.0 REGULATORY REVIEW

Dames & Moore reviewed available records regarding past and current site use, and contacted agencies which might have information regarding environmental aspects of the site and surrounding properties. The information obtained through the review of agency lists and agency contacts is provided in the following subsections.

4.1 AGENCY LISTS

Dames & Moore reviewed information gathered from several environmental databases through VISTA Information Solutions Inc. (VISTA) to evaluate whether activities on or near the subject property have the potential to impact environmental conditions at the subject property. VISTA reviews databases compiled by federal, state, and local governmental agencies. The complete list of reviewed databases is provided in the VISTA report, included in Appendix A, and is summarized in Table 1. It should be noted that this information is reported as Dames & Moore received it from VISTA, which in turn reports information as it is provided in various government databases. Although the VISTA information cannot be verified, the use of and reliance on this information is a generally accepted practice in the

conduct of environmental due diligence studies. The databases searched and the information obtained are summarized below. Properties interpreted as hydraulically downgradient or cross-gradient that in our opinion are unlikely to impact the site are excluded from the following discussion.

TABLE 1

ENVIRONMENTAL AGENCY DATA									
Agency Database	Survey Distance								
United States Environmental Protection Agency (EPA) National Priority List (NPL) for Superfund Sucs	1.0 mile								
U.S. EPA Resource Conservation and Recovery Act (RCRA) Currective Action (CORRACTS) List and associated	1.0 mile								
D.S. EPA RCRA Permitted Treatment, Storage, and Disposal (TSD) Facilities	0.5 mile								
U.S. EPA Comprehensive Environmental Response, Compensation and Liability Index System (CERCLIS) List	0.5 mile								
U.S. EPA RCRA Violations/Enforcement Action List	0.25 mile								
U.S. EPA Toxic Release Inventory System (TRIS) List	0.25 mile								
U.S. EPA Emergency Response Notification System (ERNS) List	Property and Adjacent Properties								
U.S. EPA RCRA Registered Generators of Hazardous Waste	Property and Adjacent Properties								
California Priority Last (SPL) (NPL equivalent)	1.0 mile								
California CERCUS Equivalent List (SCL)	1.0 mile								
California Permined Solid Waste Landfills, Incinerators or Transfer Stations (SWLF) List	0.5 mile								
California Sites with Deed Restrictions	0.5 mite								
California Index of Properties with Hazardous Waste (CORTESE)	0.5 mile								
California Toxic Pits Cleanup Facilities (TOXIC PITS)	0.5 mite								
California/Sama Clara County Leaking Underground Storage Tanks (LUST) List	0.5 male								
California Underground Storage Tanks (UST) List	0.25 mile								
South Bay Toxic Sites List	0.5 mile								

4.1.1 Subject Property

The subject property was not identified on the databases reviewed.

4.1.2 Surrounding Properties

Offsite facilities in adjacent or upgradient positions with potential to impact the site were not identified on the VISTA database.

4.2 REGULATORY AGENCY CONTACTS

During the performance of an ESAU, regulatory agencies having jurisdiction over the subject property are contacted to obtain the following information: the status of relevant environmental permits: whether there have been any notices of violations or other similar correspondence from such agencies; whether any corrective action or remediation is planned, currently taking place, or has been completed at the subject property; whether there have been any reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under investigation for such non-compliance; whether the subject property is listed on available regulatory databases; and whether there is other pertinent documentation on file with such regulatory agencies regarding the subject property or surrounding sites of concern. Regulatory agencies contacted and a summary of the information obtained from these agencies are discussed below.

On October 6, 1999, Dames & Moore contacted SCCDEH by phone requesting that a file search be performed on the subject property. Ms. Tina Bolton of SCCDEH responded that files were not found for the site. In light of the response by Ms. Bohon, it is important to note that Mr. Mohammed Janjua of SCCDEH has been the City/CDM agency contact regarding SCCDEH oversight of landfill remediation activities. CDM has sent to Mr. Janjua letters, reports, work plans, and data concerning the landfill remediation project and Mr. Janjua has approved the work plans and the work conducted by CDM on behalf of the City.

On October 6, 1999, Dames & Moore contacted SCVWD by phone requesting that a file search be performed on the subject property. Ms. Chris Tulloch of SCVWD responded that files were not found for the site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Dames & Moore representatives visited the subject property on September 17, 1999. Staining or others were not noted on the site; however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas. Hazardous

materials, hazardous waste, aboveground fuel storage tanks or evidence of underground storage tanks, drums, containers, PCB-containing equipment, sumps, drains, pends or lagoons were not observed onsite during the site reconnaissance.

The subject property was not identified on the VISTA database. Offsite agency-identified facilities located in adjacent or upgradient positions were not found. In response to telephone inquiries, agency officials reported that they did not find any site files at their respective agencies.

Approval of the landfill remediation completed by the City of Cupertino in 1999 by the SCCDEH is pending. Based on scope of services performed for this ESAU, Dames & Moore does not recommend further investigation of the subject property at this time.

REFERENCES

Vista Information Solutions, Inc. 1999. Site Assessment Plus Report, September 9.

APPENDIX A VISTA DATABAŞE REPORT

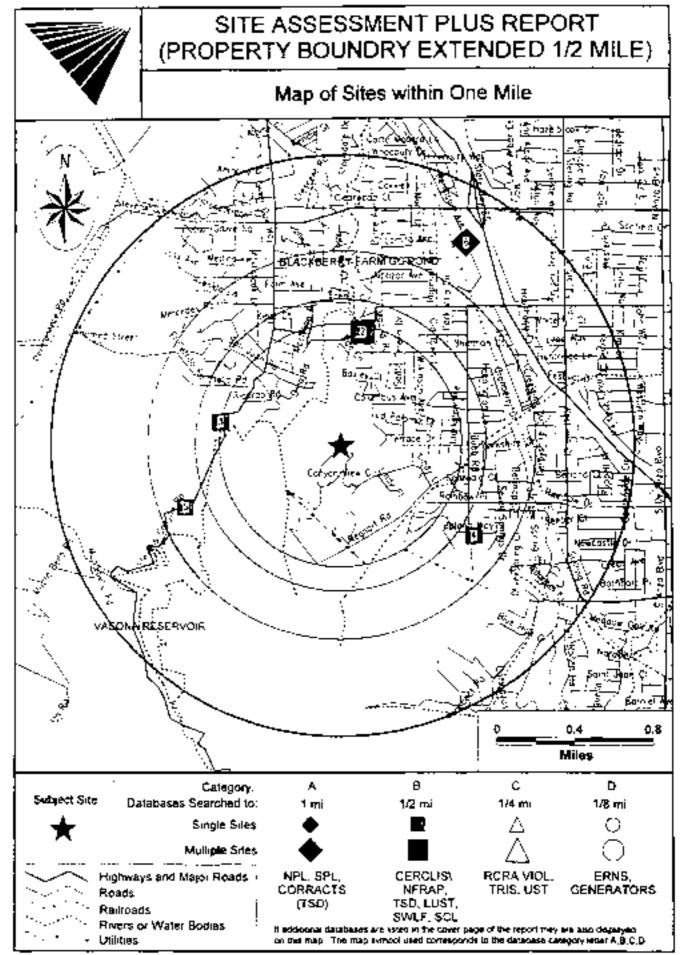
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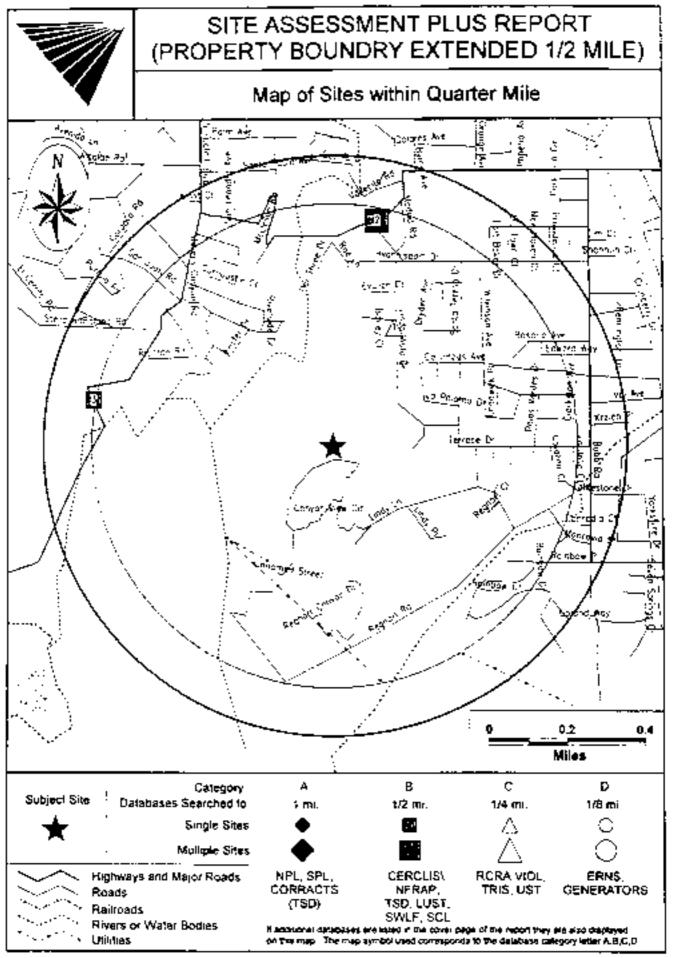
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STATE/	SWLF	Permitted as solid waste landfills,		_	i _	
REC/CO		incinerators, or transfer stations	<u> </u>		! <u>:</u>	
TATE	DEED RSTR	Sites with deed restrictions	0	0	; <u> </u>	
REGIONAL	SOUTH BAY	Sites on South Bay Toxic List		0	0	<u>.</u>
STATE	CORTESE	State index of properties with hazardous waste	0 .	0	0	
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
USGS/STAT		Federal and State Drinking Water Sources	0	0	0	

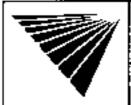


	41 5-1		estitulo 1/T	1/8 to	1/4 (0	1/2 60
	Site Dis	stribution Summary		1/4 es#e	. 1/2 mile	7 mile
gency /	Decabase - Typ	e of Records	:	,		
) Вагава	ses searched to	> 1/4 mile:	i		_	
IS EPA	RCRA Viol	RCRA violations/enforcement actions	0	0	-	
S EPA	TRIS	Toxic Release inventory database	0	<u> </u>		
TATE	UST/AST	Registered underground or aboveground storage tanks	2	_ 1		
) Databa	ses searched to) 1/8 mile:	· <u> </u>	_ · - · —		- ·
S EPA	ERNS	Emergency Response Modfication System of spills	: D :	_		: -
S EPA	GNRTR	RCEA registered small or large generators of hazardous waste	0			
Stamer pri STA casso STA and le	s be an lassurer of s s affiliated compact	th in choosing to rely on VISTA services, in whole o he accuracy of the information, errors occurring in a les, officers, agents, employees and independent cool of by customer resulting directly or indirectly from a	envertice of d	ima, or for a c be beld that	maxomer's es- No for accura-	of data.
Stamer pro STA cases STA and its Unery, jour	ecceds at let own et t be an lasurer of s s affilmed compani	he accuracy of the information, errors occurring in c les, officers, agence, employees and independent cool	envertice of d	ima, or for a c be beld that	maxomer's es- No for accura-	of data.
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Stamer pro STA cases STA and its Unergy, loss	ecceds at let own et t be an lasurer of s s affilmed compani	he accuracy of the information, errors occurring in c les, officers, agence, employees and independent cool	envertice of di Factors cames	ima, or for a c be beld that	maxomer's es- No for accura-	of data.
STA cases STA cases STA and to	ecceds at let own et t be an lasurer of s s affilmed compani	he accuracy of the information, errors occurring in c les, officers, agence, employees and independent cool	envertice of di Factors cames	ima, or for a c be beld that	maxomer's es- No for accura-	of day

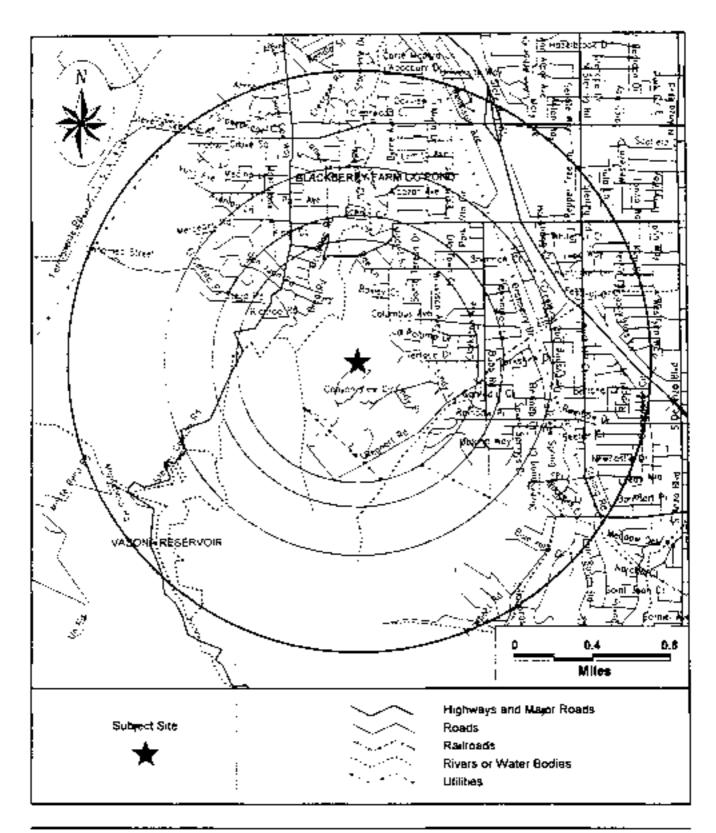








Street Map



SITE INVENTORY

	Property of Control of Control	A	F.	Α						E	1						C		1)
MAP ID	PROPERTY AND THE ADJACENT (within 1/8 mile)	VISTA IO	NPL	CORRACTS(TSD)	SPL	SCI.	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
1.	JOSEPH EVULICH 10867 LINDA VISTA CUPERTINO, CA 95014	4032011 0.00 MI NA							1					1				X		
2	CLARENCE TRESSLER EXACAVATING 22110 MCCLELLAN CUPERTINO, CA 95014	1232075 (0.09 MI N																x	1	
2	TRESSLER PROPERTY 22110 MCCLELLAN RD CUPERTINO, CA 95014	7032405 0,09 MI N							x											

	and the second second									В									C			D	
MAP ID	SITES IN THE SURROUNDING A (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	NPL	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR			
3	1X STEVEN CREEK QUARRY, INC. 12 100 STEVENS CNYN RD CUPERTINO, CA 95014	1588921 0.13 M W							x									x					

			10	A	100						3						c			D
MAP ID	SITES IN THE SURROUNDING (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	NPL	CORRACTS(TSD)	SPL	10S	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
4	SEVEN SPRINGS RANCH I I BO I DOROTHY ANN WAY CUPERTINO, CA 95014	5354232 0.33 MI SE							x											



	"Less south the trion will	WEAT I		A						1	3						C		1	D
MAP ID	SITES IN THE SURROUNDING (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	NPL	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	TSD1	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	ust/Ast	ERNS	GNRTR
5	STEVENS CREEK FOREST FIRE STA 13326 STEVENS CANYON CUPERTINO, CA 95014	1220521 0.36 MI W							x											

	The state of the s	1.5	ł.	A	\pm				Ξ		3					1	C		11	D
MAP ID	SITES IN THE SURROUNDING (within 1/2 - 1 mile)	VISTA ID DISTANCE DIRECTION	_	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
6	ACRIAN INC 10131 BUBB RD CUPERTINO, CA 95014	5069 0,71 AB NE		x					•											
6	ZILOG INC 10460 BUBB RD CUPERTINO, CA 95014	481134 0.75 MD NE		x			•			1										•



			A						-	3			-			C		- 0)
UNMAPPED SITES	VISTA ID	NPL	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	rust	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
EXXON R/5 7-0206	4035522											1				Ė			
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CITY OF CUPERTINO	7291608			-			11			1						111		ш	ı
22241 MCLELLAN RD		ш				1	1	X			1								U
CUPERTINO, CA 95014			Ш		_	-	-		_		-	-	-		-				H
US AIR FORCE SUNNYVALE	937335					١.	П								Ш.			Ш	
6594 SQUADRON					ш			X				X						Ш	
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SAN JOSE, CA				1		1	4				1		1				12		
SAN JOSE, CA	482228	1	+	+	+	+	+	+	+	1	+	+	1	1	+	1	X		t



			A							8						C		1	D
UNMAPPED SITES	VISTA ID	NPL	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
COYOTE CREEK BUSINESS PARK O SILVER CREEK VALLEY RD SAN JOSE, CA	12667251							x								1			-
WDR-MARSHLAND LANDFILL 0550 I W08 5AN JOSE, CA	12362037								x										
NORTECH PUMP STATION 1661 NORTECH PY 5AN JOSE, CA	4036178												1	I			x		
KIRBY CANYON RECYCL. DISP. FACILITY 910 COYOTE CREEK GOLF DRIVE SAN JOSE, CA	12551343								x					X		3			
SJ AIRPORT TERMINAL A SAN JOSE, CA	7290903							x											
SAN JOSE ARENA-SOUTHERN PACIFIC PARC SAN JOSE, CA		L						x											
NORTH NINTH STREET SITE 620/640 NINTH STREET SAN JOSE, CA	7291069							x						ij					
R AND G ENVIRONMENTAL SERVICES SAN JOSE, CA	6830438		Ī						x										
RICHARD CROCKER COMMERCIAL ST BUSINESS PARK SAN TOSE, CA	7291240							x											
S) AIRPORT TERMINAL A BURN PIT UNKNOWN SAN JOSE, CA	12640331							x		1									
KETTLEMAN ROAD SITE KETTLEMAN ROAD AND CLAREBANK SAN JOSE, CA	7291230					li	ľ	x				i							
ARCO #1998 5472 ORANGETHORPE LA PALMA, CA	4824741								x					Nº T					
LAGUNA NIGUEL CLEANERS 30232 CROWN VALLEY A1 LAGUNA NIGUEL, CA	235458								x								i		x
W S CIRCUITS 1281 LOGAN COSTA MESA, CA	4626934								x										



DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

JOSEPH EVULICH VISTA 0.00 MI / NA Distance/Direction: Address*: 10867 LINDA VISTA Point. Plotted as: CUPERTINO, CA 95014 N/A STATE UST - State Underground Storage Tank / SRC# 1612 EPA/Agency ID: SAME AS ABOVE Agency Address: Underground Tanks: NOT REPORTED Aboveground Tanks: NOT REPORTED Tanks Removed: OTHER Tank Status: Tank ID: Leak Monitoring: Agency Code () LEADED GAS Tank Contents: UNKNOWN NOT REPORTED Tank Piping: Tank Age: BARE STEEL Tank Material: 550 (GALLONS) Tank Size (Units): OTHER Tank Status: Tank ID: Approcy Code () UNI EADED GAS Leak Monitoring: Tank Contents: LIMNWOWN NOT REPORTED Tank Pining: Tank Age: BARE STEEL SSD (GALLONS) Tank Macerial: Tank Size (Units): OTHER Tank Status: Tank ID: Agency Gode () LEADED GAS Leak Monitoring: Tank Contents: LINKNOWN NOT REPORTED Tank Piping: Tank Age: BARE STEEL Tank Material: MO (GALLONS) Tank Size (Units): OTHER Tank Status: Tank ID: Agency Code () Leak Monitoring: Tank Contents: UNLEADED GAS UNKNOWN Tank Piping: NOT REPORTED Tank Age: BARE STEEL 550 (GALLONS) Tank Material: Tank Size (Units):

1232075 CLARENCE TRESSLER EXACAVATING VISTA ID#: VISTA 0.09 MI / N Distance/Direction: Address*: 22110 MCCLELLAN Plotted as: Point CUPERTINO, CA 95014 N/A EPA/Agency ID: STATE UST - Scate Underground Storage Tank / SRC# 1612

SAME AS ABOVE Agency Address:

Underground Tanks:

NOT REPORTED Aboveground Tanks: MOT REPORTED Tanks Removed:

Map ID

Map ID

1

4032011

VISTA ID#:



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Date of Report: September 9, 1999 Report ID: 871204300 Version 2.6.1

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	TOOLU	Tank Starus:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency Code ()
Tank Age:	NOT REPORTED	Tank Piping:	GAL VANIZED STEEL
Tank Size (Units):	1000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	TOOTU	Tank Status:	ACTIVENN SERVICE
Tank Contents:	DIESEL.	Leak Monitoring:	Agency Code ()
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	500 (GALLONS)	Tank Material:	BARE STEEL

VISTA.	TRESSLER PROPERTY		VISTA ID#:	7032405
Address*1	22110 MCCLELLAN RD		Distance/Direction:	0.09 MI / N
) seather E	CUPERTINO, CA 95014		Plotted as:	Point
TATE LUS	T - State Leaking Underground	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac	idress:	SAME AS ABOVE		
Facility ID		07S2W22A01		
Leak Repo		02/10/97		
Case Close	The second secon	03/12/97		
Substance:		DIESEL:		
Remediatio	on Event:	EXCAVATE AND DISPOSE		
Remediatio	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL DNLY		
Lead Agen	cy:	LOCAL AGENCY		
Region / I	A	SAN FRANCISCO BAY RE		
_	n / Comment:	COUNTY: SANTA CLARAREY	TEW DATE: 02/10/97	
STATE LUS	T - State Leaking Underground	Scorage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ddress:	TRESSLER PROPERTY 22110 MCCLELLAN RD CUPERTINO, CA		
Facility ID	6	43-2181		
Leak Caus	e:	TWKNOWN		
Leak Sour	DE:	TINKNOWN		
Substance	t>	WASTE DILDIESEL		
Media Aff	ected:	SOIL ONLY		



 VISTA address includes enhanced city and ZIP.
 For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 871204300

Version 2.6.1

Date of Report: September 9, 1999

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	1X STEVEN CREEK		VISTA ID#: Distance/Direction:	0.13 MI / W
	CUPERTINO, CA 95		Plotted as:	Point
ST - Abov	e Ground Storage Tank /		EPA/Agency ID:	N/A
Agency Ad		STEVENS CREEK QUARRY 12100 STEVENS CANYON RE CUPERTINO, CA 95014 NOT REPORTED	1	
Abovegrou	ind Tanks:	NOT REPORTED		
Tanks Ren	oved:	NOT REPORTED		
TATE LUS	T - State Leaking Undergr	ound Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ad		STEVENS CREEK QUARRY 12100 STEVENS CANYON RU CUPERTINO, CA 95014	2	
Facility ID		07S2W28801		
Leak Repo	rt Date:	02/06/95		
Case Close	d Date:	01/12/9€		
Remediation	on Event:	NO ACTION TAKEN		
Remediaci	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL ONLY		
Lead Agen	cy:	LOCAL AGENCY		
Region / I	District:	SAN FRANCISCO BAY RE		
Descriptio	n / Comment:	COUNTY: SANTA CLARAREY	NEW DATE: GY/10/96	
TATE LUS	T - State Leaking Underg	round Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ldress:	STEVENS CREEK QUARRY 12100 STEVENS CANYON RI CUPERTINO, CA	Ď.	
Facility ID	1	43-1402		
Leak Caus	4;	STRUCTURE FAILURE		
Leak Sour	ces	TANK		
Substance		GASOLINE		
Media Aff		SOIL ONLY		

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	SEVEN SPRINGS RANCH	AY	VISTA ID#: Distance/Direction:	5354232 0.33 MI / SE
	CUPERTINO, CA 95014		Plotted as:	Point
STATE LUS	T - State Leaking Underground 5	orage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac Facility ID	1	EVEN SPRINGS RANCH 1601 DOROTHY ANN WY UPERTING, CA 95014 752W26G01		
Leak Repo	ert Date:	0/17/55		
Case Close	ed Date:	5/31/90		



Version 2.6.1

 VISTA address includes enhanced city and ZIP.
 For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 871204300 Date of Report: September 9, 1999

Mup ID

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Remediation Event:	NO ACTION TAKEN		
Remediation Status:	CASE CLOSED		
Media Affected:	SO/L ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY SANTA CLARAREV	NEW DATE: 10/31/95	- 150
STATE LUST - State Leaking Underground 6120	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	SEVEN SPRINGS RANCH 11801 DOROTHY ANN WY CUPERTING, CA		
Facility ID:	43-2110		
Leak Cause:	UNKNOWN		
Leak Source:	LIWKWOWW		
Substance:	GASOLINE		
Media Affected:	SOIL OWLY		

VISTA	STEVENS CREEK FOR	EST FIRE STA	VISTA ID#:	1220521
Address*:	13326 STEVENS CAN	And the second second second	Distance/Direction:	0.36 MI / W
	CUPERTINO, CA 950	3/101	Plotted as:	Point
STATE LUS	T - State Leaking Undergrou		EPA/Agency ID:	N/A
Agency Ad Facility ID		STEVENS CREEK FOREST FI 13326 STEVENS CANYON RE CUPERTINO, CA 95014 0752W28R61		
Leak Repo		05/17/98		
Case Close		08/31/98		
Remediatio	on Event:	NO ACTION TAKEN		
Remediatio	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL ONLY		
Lead Agen	icy:	CRWDOS ACTIVE CASE		
Region / I		SAN FRANCISCO BAY RE		
Descriptio	a / Comment:	COUNTY SANTA CLARAREY	TEW D47E 08/71/98	
STATE LUS	T - State Leaking Undergrou	and Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ddress:	STEVENS CREEK FUREST F 13326 STEVENS CANYON RE CUPERTINO. CA		
Facility ID):	43-2237		
Leak Caus	e:	UNKNOWN		
Leak Sour	ce:	LINKNOWN		
Substance	;	DIESEL		
Media Aff	ected:	SOIL ONLY		



Map ID

Report ID: 671204300 Version 2.6.1

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA	ACRIAN INC		VISTA ID#2	5069
Address*:	10131 BUBB RD		Distance/Direction:	0.71 MI / NE
	CUPERTINO, CA 95014		Plotted as:	Point
ORRACTS	S / SRC# 5896		EPA ID:	CAD092205889
Agency Ac		SAME AS ABOVE		
Prioritizati	on Status:	'NOT REPORTED'		
RCRA Fac	ility Assessment Completed:	DM		
	Concamination:	NO		
and the second second	tion of need For a RFI (RCRA vestigation):	WO		
RFI Impos	The second secon	NO		
	olan Notice of Deficiency	MO		
CONTRACTOR OF THE PARTY OF THE	olan Approved:	WO		
ALCOHOL: M. P. St.	t Received:	NO.		
RFI Appro	and the second s	NO		
	r Corrective Action at this	NO		
Stabilizatio	on Mesaures Evaluation:	.NO.		
CM5 (Con Imposition	rective Measure Study)	NO		
CMS Worl	cplan Approved:	NO		
	rt Received:	NO		
CMS Appr	oved:	NO.		
Date for R Imposed):	temedy Selection (CM	NO		
Corrective	Measures Design Approved:	MD		
Sec. 100 to 100	Measures Investigation Approved:	MO		
	on of Remedy Completion:	NO		
	on Measures Implementation:	MO		
Stabilizatio	on Measures Completed:	MO		
Corrective	Action Process Termination:	MO		



Version 2.6 7

 VISTA address includes enhanced city and ZIP.
 For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 871204300 Date of Report: September 9, 1999

Plus (D

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

VISTA	ZILOG INC		VISTA ID#:	481134
Address*:	10460 BUBB RD		Distance/Direction:	0.75 MI / NE
	CUPERTINO, CA 95014		Plotted as:	Point
CORRACTS	/ SRC# 5896		EPA ID:	CAD076314459
Agency Address:		GANDESCENT TECHNOLOG 10460 BUBB RD CUPERTINO, CA 95814	MES CORP	
Prioritizati	on Status:	LOW		
RCRA Faci	lity Assessment Completed:	NO		
Company of the second of the s	Contamination:	MO		
	tion of need For a RFI (RCRA vestigation):	NO		
RFI Impos		NO		
	plan Notice of Deficiency	WO		
RFI Works	dan Approved:	WO		
	Received:	NO		
RFI Appro	Control of the contro	Na		
Table To the Control of	r Corrective Action at this	NO		
Stabilizatio	on Mesaures Evaluation:	NO		
CM5 (Cor Imposition	rective Measure Study)	NO.		
Carlo	oplan Approved:	NO.		
	rt Received:	NO		
CMS Appr	oved:	NO.		
the state of the s	lemedy Selection (CM	WG		
	Measures Design Approved:	NO		
Corrective	Measures Investigation Approved:	MO		
and the second second	on of Remedy Completion:	MO		
	on Measures Implementation:	NG		
Stabilization	on Measures Completed:	NO		
Corrective	Action Process Termination:	NO		and the latest section of the
RCRA-TSD	CORRACTS / SRC# 5896		EPA ID:	CAD076314459
Agency A	ddress:	CANDESCENT TECHNOLO 10450 BUBB RD CUPERTINO. CA 95014	CHES CORP	
Off-Site V	/aste Received:	NO		
Land Disp	osal:	NO		
Incinerato	Pt .	NO		
Storage/T	reatment:	ND		



 VISTA address includes enhanced city and ZIP.
 For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 871204300

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Date of Report: Suprember 9, 1999

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UNMAPPED SITES

VISTA Address*:	CITY OF CUPERTING		VISTA ID#:	7291608
	CUPERTINO, CA 950			
TATE LUS	T - State Leaking Undergro	und Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ad		CITY OF CUPERTINO 22241 MCLELLAN RO CUPERTINO, CA 4252225		
Date Discovered:		062391		
Leak Repo		19910823		
Contamina	ation Confirmed Date:	000003 *		
Leak Sour		SPILL IS PROBABLE CA		
Wells Imp	acted:	0		
Remediation Status:		NO ACTION		
Priority		NOT ON PRIORITY LIST		
Ta seem I	Terr	and a second	VISTA ID#+	937336

VISTA Address*:	US AIR FORCE SUNNYVALE 6594 SQUADRON		VISTA ID#:	937336	
TATE LUS	SUNNYVILLE, CA T - State Leaking Under	ground Storage Tank / SRC#	EPA/Agency ID:	N/A	
Agency Ad		US AIR FORCE SUNNYVALE 6594 SQUADRON ST SUNNYVALE, CA 94809 43-0036			
Facility ID: 434005 Leak Report Date: 10/14/85		10/14/85	0/14/86		
Remediation Event: NO ACTION TAKEN		NO ACTION TAKEN			
Remediation Status: LEAK IS SUSP		LEAK IS SUSPECTED AT SIG	EAK IS SUSPECTED AT SIGHT, BUT NOT CONF		
		OTHER GROUND WATER	THER GROUND WATER		
		CRWQCB ACTIVE GASE	CRWQCB ACTIVE GASE		
Region / District: SAN FRANCISCO BAY RE					
Description / Comment: COUNTY SANTA CLARARE		NEW DATE: DIVIDIZIES			

VISTA Address*:	STANFORD UNIVERSITY UNKNOWN KNOLL PALO ALTO, CA		VISTA ID#:	12666649
STATE LUS	T - State Leaking Uni	derground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	dress:	SAME AS ABOVE		
Facility ID: 43-1382				
Leak Cause: STRUCTURE FAILURE		STRUCTURE FAILURE		
Leak Sour	ce:	TANK		
Substance: WASTE OIL				
Media Affected: 30% DMLY				



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Date of Report: September 9, 1999

Version 2.6 1

Page #10

UNMAPPED SITES CONT. VISTA ID#: 4826258 SEELEY ROAD PROPERTY VISTA Address*: SEELEY RD. SAN JOSE, CA N/A STATE LUST - State Leaking Underground Storage Tank / SRC# EPA/Agency ID: 4579 SEELEY ROAD PHOPERTY Agency Address: SEELEY RD SAN JOSE, CA 95116 4350260 Facility ID: 110888 Date Discovered: 19911217 Leak Report Date: 19910122 Contamination Confirmed Date: UNKNOWN

CLOSED

ORCHARD

NOT ON PRIDRITY LIST

META PART	OSE ARENA	VISTA ID#:	7389790	
	OSE ARENA OSE, CA	N C I T E S		
TATE LUST - State	Leaking Underground Storage Tank	SRC# EPA/Agency ID:	N/A	
Agency Address:	SAME AS ABOVE			
Facility ID: 4350538		4350538		
Leak Report Date: 19970620				
Wells Impacted:				
Remediation Status: MACTIVE				
Description / Com	on / Comment: MULTIPURPOSE ARENA			
Description / Comment: RESID UNDER PARK LOT-SLURRY		FIX LOT-SLURRY WALL AND CAP	SEE JRW	

Address*: UNKNOWN UNK	SJ AIRPORT TERMINAL A BURN PIT UNKNOWN UNKNOWN SAN JOSE, CA		12667474
STATE LUST - State Leaking Und 6120		EPA/Agency ID:	N/A
Agency Address: SAME AS ABOVE			
Facility ID: 43-2224			
Leak Cause:	NAMONOMA		
Leak Source: UNKNOWN			
Substance: GASOLINE			
Media Affected: SOIL ONLY			



Leak Source: Wells Impacted:

Priority:

Remediation Status:

Description / Comment:

Version 2.6.1

UNMAPPED SITES CONT.

	O SILVER CREEK BUSINESS PARK O SILVER CREEK VALLEY RD		12667351
	Inderground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address: SAME AS ABOVE			
Facility ID: 43-2326			
Leak Cause:	UNKNOWN		
Leak Source: UNKNOWN			
Substance: REGULAR GASOLINEDIESE			
Media Affected: SON ONLY			

VISTA Address*;	033011100	DFILL	VISTA ID#:	12362037
maiint /	SAN JOSE, CA 1UDS / SRC# 5857		Agency ID:	2 438042001
Agency Ad Solid Wass Facility In System: Chapter 1 Solid Wass Toxic Pits RCRA Fac Departme Open To Number C Rank:	ddress: te Inventory System ID: //pe: State Board Waste Discharger S Facility: te Assessment Test Facility: Cleanup Act Facility: tility: the of Defense Facility:	SAME AS ABOVE 43-RH-000A SOLID WASTE SITES NO	CLASS III - Landillis for nonhezi	
Violations At Facility:		NO		

VISTA Address*:	FIREY CANYON RECYCLE 910 COYOTE CREEK GO SAN JOSE, CA		VISTA ID#:	12551343
TATE SWI	F - Solid Waste Landfill / SRC#	5942	Agency ID:	43-AN-0008
Agency Ad		SAME AS ABOVE		
Facility Type:		SOLID WASTE DISPOSAL FACILITY		
The state of the s		ACTIVE		
		PERMITTED/LICENSED		



VISTA address includes enhanced city and ZIP.
 For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300 Virtien 2.5.1

Date of Reports September 9, 1999

UNMAPPED SITES CONT.

VISTA ST AIRPORT TERMINAL	A	VISTA ID#:	7290903
Address*: SAN JOSE, CA			
STATE LUST - State Leaking Underground	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	4380533		
Leak Report Date:	19970707		
Wells Impacted:	0		
Remediation Status:	WACTIVE		
Description / Comment:	BURN PIT-FOR FIRE TRAININ	VG .	
Description / Comment:	JET FUEL		

VISTA Address*:	SAN JOSE ARENA PARCEL SAN JOSE, CA	SOUTHERN PACIFIC	VISTA ID#:	7290910		
STATE LUS		ground Storage Tank / SRC#	EPA/Agency ID:	N/A		
Agency Ac	idress:	SAME AS ABOVE				
Facility ID:		4350534	4350534			
Leak Repo	rt Date:	19979409	19970409			
Wells Impa	acted:	0				
Remediation	on Status:	CLOSED				
Descriptio	n / Comment:	RR RIGHT OF WAY				
Description / Comment: TPH-MOR4300PPM D+0		ТРН-МО@4300РРМ О+G@11	3000 IN SOIL			

VISTA Address*:	NORTH NINTH STREET SITE 620/640 NINTH STREET SAN JOSE, CA		VISTA ID#:	7291069
STATE LUS	T - State Leaking Undergr	ound Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ad	dress:	SAME AS ABOVE		
Facility ID		4350512		
Leak Repo	rt Date:	19960905		
Wells Impacted:		0		
Remediation Status: REFERRED				

VISTA Address*:	R AND G ENVIRONMENTAL SERVICES SAN JOSE, CA		VISTA ID#	6830438
STATE SWI	F - Solid Waste Landfill / SRC#	5942	Agency ID:	43-AA-0010
Agency Ac	fdress:	SAME AS ABOVE		20-7-21-0-103-1
Facility Ty	pe:	TREATMENT PROCESSW	Ğ	
Facility Sta	acus:	ACTIVE		
Permit Sta	fusi	UNPERMITTEDIUNLICENS	ED	



* VISTA address includes enhanced city and ZIP.

For more information call VISTA information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300 Date of Report: September 9, 1999 Report ID: 871204300 Version 2.6.1

UNMAPPED SITES CONT.

County SWLF - County Solid Waste Landfill / SRC# 6130 43-AA-0010 Agency ID: SAME AS ABOVE Agency Address: TREATMENT PROCESSING Facility Type: ACTIVE Facility Status: UNPERMITTED/UNLICENSED Permit Status:

VISTA	RICHARD CROCKER	1 to 1 7 1 1 to 1	VISTA ID#:	7291249	
Address*:	The state of the s				
STATE LUST - State Leaking Underground Storage Tank / SRC#		EPA/Agency ID:	N/A		
Agency A	idress:	SAME AS ABOVE			
Facility ID:		4350489			
Leak Repo	rt Date:	19960606			
Wells Imp	acted:	0			
Remediation		UNDEFINED			
Lead Agen		AJM			
Contact:		AM			

VISTA Address*:	S) AIRPORT TERMINAL A BURN PIT UNKNOWN SAN JOSE, CA		VISTA ID#:	12640331	
TATE LUST - State Leaking Underground Storage Tank / SRC#		EPA/Agency ID:	N/A		
Agency Ad	idress:	SAME AS ABOVE			
Facility ID:		43-2224	43-2224		
Leak Report Date: 07/02/98					
Remediation		LEAK IS SUSPECTED AT SIG	HT, BUT NOT CONF		
Media Aff	ected:	SOIL ONLY			
Lead Agen	cy:	CRWGCB ACTIVE CASE			
Region / District: SAN FRANCISCO BAY RE					
Descriptio	n / Comment:	COUNTY: SANTA CLARAREY	/IEW DATE 07/02/98		

VISTA Address*:	KETTLEMAN ROAD SITE KETTLEMAN ROAD AND CLAREBANK SAN JOSE, CA		VISTA ID#:	7291230
TATE LUS	T - State Leaking Uni	derground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac	idress:	SAME AS ABOVE		
Facility ID		4350516		
Leak Repo	ert Date:	19950809		
Wells Imp	acted:	0.		
Remediati	on Status:	INACTIVE		



VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Report ID: 871204300

Version 2.6.1

UST's
VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5721
The agency release date for City of Palo Alto Underground Storage Tank List was December, 1998.

This database is provided by the City of Palo Alto Fire Department. The agency may be contacted at: 650-329-2184.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5837 The agency release date for City of Santa Clara Underground Storage Tanks was April,

1999.

This database is provided by the City of Santa Clara, Fire Department. The agency may be contacted at: 408-984-4109.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property. SRC#: 5946 The agency release date for Sunnyvale City UST List was January, 1999.

This database is provided by the City of Sunnyvale Department of Public Safety. The agency may be contacted at: 408-730-7212.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 6111 The agency release date for City of San Jose Underground Storage Tanks List was April, 1999.

This database is provided by the City of San Jose Fire Department. The agency may be contacted at: 408-277-4659.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 6121 The agency release date for City of Milpitas UST List was July, 1999.

This database is provided by the City of Milpitas Fire Department. The agency may be contacted at: 408-942-3265.

AST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5513 The agency release date for Aboveground Storage Tank Database was December, 1998.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

TRIS

VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 4946

The agency release date for TRIS was January, 1998.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities (Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.



D) DATABASES SEARCHED TO 1/8 MILE

ERNS SRC#: 5598 VISTA conducts a database search to identify all sites within 1/8 mile of your property.

The agency release date for was December, 1998.

The Emergency Response Notification System (ERNS) is a national database containing records from October 1986 to the release date above and is used to collect information for reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of Transportation. The ERNS hotline number is (202) 260-2342.

RCRA-LgGen SRC#: 5896 VISTA conducts a database search to identify all sites within 1/8 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen SRC#: 5896 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



UNMAPPED SITES CONT.

STATE LUST - State Leaking Ur 4579	oderground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	KETTLEMAN ROAD SITE KETTLEMAN ROAD CLARED SAN JOSE CA 4350518	ANK WAY	
	10982905		
Leak Report Date:	1 MASSICARCI		
Wells impacted:	0		

VISTA	ARCO #1998		VISTA ID#:	4824741
Address*:				
VOO(EX)	5472 ORANGETHORPE			
	LA PALMA, CA		Agency ID:	2 438026NO
	SRC# 5857	EASTSIDE LANDFILL	Agency (D)	12 730020110
Agency Ac		FARIS DRIVE SANJOSE, CA NOT REPORTED		
	e Inventory System ID:	SOLID WASTE SITES-CLAS	S 0) - Lavidilla for nonhau	andours solid wested
Facility Ty		NO		204777
Facility In	State Board Waste Discharger	MO.		
System:		No.		
The second secon	5 Facility:	NO		
Solid Wast	te Assessment Test Facility:	NO		
Toxic Pits	Cleanup Act Facility:	MO.		
RCRA Fac	ility:	NO		
100000	nt of Defense Facility:	NO		
Open To		NO		
	Of Waste Management Units:	*		
Rank:		NOT REPORTED		
	ents At Facility:	MO		

NO



Violations At Facility:

Version 2.6.1

UNMAPPED SITES CONT.

	LAGUNA NIGUEL CLEANERS 30232 CROWN VALLEY A1	VISTA ID#:	235458
-	LAGUNA NIGUEL, CA		# 470240NO1
WMIIDS /	SRC# 5857	Agency ID:	2 438260NO1

CUSOMER UTILITY LANDFILL Agency Address: BROKAW ROADIRIDDER PARK DRIVE

SAN JOSE CA

Solid Waste Inventory System ID:

NOT REPORTED

Facility Type:

ARLMICIPAL/DIOMESTIC - Faculties shall small saveign or a mission of predominantly sowings and other waste from districts, municipalities, communities, hospitals, schooland publicly or privately owned systems (excluding incavious) leading systems disposing

of tess than 1,000 gerons per day

Facility In State Board Waste Discharger

System:

NO Chapter 15 Facility:

NO. Solid Waste Assessment Test Facility: NO Toxic Pics Cleanup Act Facility: NO. RCRA Facility: NO.

Department of Defense Facility: NO. Open To Public: Number Of Waste Management Units:

NOT REPORTED Rank:

NO Enforcements At Facility: NO Violations At Facility:

VISTA ID#:	4826934
Agency ID:	2 000080500
٠	Agency ID:

NINE PAR SOLID WASTE DISPOSI Agency Address: HWY 237 TO ZANKER RD TO LOS ES

ALVISO, CA 0

Solid Waste Inventory System ID:

41-AN-0005

Facility Type:

Not reported

Facility In State Board Waste Discharger

System:

NO Chapter 15 Facility:

Solid Waste Assessment Test Facility: Toxic Pits Cleanup Act Facility:

RCRA Facility:

NO NO MO

NO

Department of Defense Facility:

NO

Open To Public:

NO.

Number Of Waste Management Units:

NOT REPORTED

Enforcements At Facility:

NO

Violations At Facility:

NO



VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Version 2.5.1

Date of Report: September 9, 1999

SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDRY EXTENDED 1/2 MILE)

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO I MILE

NPL SRC#: 5984 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for NPL was July, 1999.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL SRC#: 5949 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for Calsites Database: Annual Workplan Sites was April, 1999.

THE TEXAS SOLID WASTE FACILITIES PERMIT APPLICATIONS FILE CURRENTLY INCLUDES RECORDS WITH ADDRESSES THAT HAVE LITTLE LOCATIONAL VALUE. A SMALL SAMPLING OF THESE SITES WILL BE INCLUDED IN THE UNMAPPABLE SECTION OF VISTA REPORTS. THE TNRCC IS DEVELOPING A GIS DATABASE FOR SOLID WASTE FACILITIES THAT WILL INCLUDE MAPPABLE LOCATION. UNTIL THIS DATABASE IS AVAILABLE, VISTA ENCOURAGES FURTHER INVESTIGATION BY THE ENVIRONMENTAL PROFESSIONAL TO LOCATE ALL POSSIBLE LANDFILLS IN THE AREA.

CORRACTS SRC#: 5896 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS SRC#: 8078 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for CERCLIS was May, 1999.

The CERCLIS List contains sites which are either proposed to or on the National Priorities

The CERCLIS List 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. The information on each site includes a history of all pre-remedial, remedial, removal and

community relations activities or events at the site, financial funding information for the events, and

unrestricted enforcement activities.



Cal Cerclis SRC#: 2462 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.

The CalSites database contains information on properties (or "sites") in California where hazardous substances have been released, or where the potential for such a release exists. This database is used primarily by the Department of Toxic Substances Control to evaluate and track activities at sites that may have been affected by the release of hazardous substances. Also see SPL/SCL: Annual Work Plan (AWP) sites are classified as SPL and all the other sites are classified as SCL.

NFRAP SRC#: 6079 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for CERCLIS-NFRAP was May, 1999.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL SRC#: 5948 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was April, 1999.

The CalSites database contains information on properties (or "sites") in California where hazardous substances have been released, or where the potential for such a release exists. This database is used primarily by the Department of Toxic Substances Control to evaluate and track activities at sites that may have been affected by the release of hazardous substances. Also see SPL/SCL: Annual Work Plan (AWP) sites are cleassified as SPL and all the other sites are classified as SCL.

The CalSites database includes both known and potential sites. Two-thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

RCRA-TSD SRC#: 5896 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for HWDM5/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF SRC#: 5942 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Ca Solid Waste Information System (SWIS) was April, 1999.

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

The California Solid Waste Information System (SWIS) database consists of both open as well as closed and inactive solid waste disposal facilities and transfer stations pursuant to the Solid Waste Management and Resource Recovery Act of 1972, Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies.



SWLF SRC#: 5945 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for City of Los Angeles Landfills was April, 1999.

This database is provided by the City of Los Angeles, Environmental Affais Department. The agency may be contacted as: 213-580-1070.

WMUDS SRC#: 5857 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Waste Management Unit Database System (WMUDS) was February, 1999.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-892-0323. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

The WMUDS system also accesses information from the following databases from the Waste Discharger System (WDS): Inspections, Violations, and Enforcements. The sites contained in these databases are subject to the California Code of Regulations - Title 23. Waters.

LUST SRC#: 4579 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #2-North and South Bay SLIC Report was January, 1998.

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

LUST RG6 SRC#: 5670 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Lahontan Region LUST List was January, 1999.

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

LUST RG3 SRC#1 6021 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #3-Central Coast Region LUST List was June, 1999.

This database is provided by the Regional Water Quality Control Board, Region #3. The agency may be contacted at: 805-542-4695.

LUST SRC#: 6024 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Lust information System (LUSTIS) was April, 1999.

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-445-6532.

SRC#: 6112

VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #3-Central Coast Region 5LIC List was July, 1999.

This database is provided by the Regional Water Quality Control Board, Region #3. The agency may be contacted at: 805-542-3399.



LUST RG2 SRC#: 6120 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #2-San Francisco Bay Fuel Leaks List was June, 1999.

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

CORTESE SRC#: 4840 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Cortese List-Hazardous Waste Substance Site List was April, 1998.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532.

The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers); (12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

Deed Restrictions SRC#: 1703 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Deed Restriction Properties Report was April, 1994.

This database is provided by the Department of Health Services-Land Use and Air Assessment. The agency may be contacted at: 916-255-2014.

California has a statutory and administrative procedure under which the California Department of Health Services (DHS) may designate real property as either a "Hazardous Waste Property" or a "Border Zone Property" pursuant to California Health Safety Code Sections 25220-25241. Hazardous Waste Property is land at which hazardous waste has been deposited, creating a significant existing or potential hazard to public health and safety. A Border Zone Property is one within 2,000 feet of a hazardous waste deposit. Property within either category is restricted in use, unless a written variance is obtained from DHS. A Hazardous Waste Property designation results in a prohibition of new uses, other than a modification or expansion of an industrial or manufacturing facility on land previously owned by the facility prior to January 1, 1981. A Border Zone Property designation results in prohibition of a variety of uses involving human habitation, hospitals, schools and day care center.



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Date of Report: September 9, 1999
Page 428

Toxic Pits SRC#: 2229 VISTA conducts a distabase search to identify all sites within 1/2 mile of your property.

The agency release date for Summary of Toxic Pits Cleanup Facilities was February, 1995.

This database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396. These are regional utility descriptions for California CERCLIS sites.

South Bay 5RC#: 1719 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for South Bay Site Management System was April, 1994.

This database is provided by the San Francisco Bay Region. The agency may be contacted at: .

Water Wells 5RC#: 5384 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for USGS WATER WELLS was March, 1998.

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database consains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used, or otherwise had reason to document through the course of research. The agency may be contacted at 703-648-6819.

C) DATABASES SEARCHED TO 1/4 MILE

RCRA-Viols/En VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compliation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste, RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

UST's SRC#: 1612 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for Underground Storage Tank Registrations Database was January, 1994.

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. The agency may be contacted at: 916-227-4364.

UST's 5RC#: 5495 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for City of Mountain View Underground Storage Tank List was December, 1998.

This database is provided by the Mountain View Fire Department. The agency may be contacted at: 650-903-6378.

UST's SRC#: 5477 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for Hazmat Facilities Database, Underground Storage Tanks of Santa Clara County was January, 1999.

This database is provided by the Santa Clara County Fire Department. The agency may be contacted at: 408-378-4010.



For more Information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Date of Report: September 9, 1999

Page #27



SITE RESTORATION REPORT McDONALD DORSA PROPERTY CUPERTINO, CALIFORNIA FOR PH PROPERTY DEVELOPMENT COMPANY

> Job No. 27862-003-043 November 22, 1999



223 Main Street, Spary 6, 41 Sun Francisco, College on 94(05, 15),7 415 Sept. 9888 Cell 415 883 505 5 Fax

November 22, 1999 Job No. 27862-003-043

PH Property Development Company 945 East Pace's Ferry Road, Suite 2515 Atlanta, GA 30326-1125

Attention:

Mr. Jeffrey Harland

Dear Mr. Harland:

Site Restoration Report
McDenald Dorsa Property
Cupertino, California
For PH Property Development Company

This report summarizes site restoration activities conducted during 1998 and 1999 on an approximately one acre portion of the 130 acre McDonald Dorsa property in Cupertino. California. The work was required after the remediation of a former unregistered landfill by the City of Cupertino to restore the property to its approximate configuration prior to the excavation of the landfill.

If you have any questions, please give me a call. We appreciate the opportunity of working with you on this interesting and challenging assignment.

Very truly yours,

DAMES & MOORE

Raymond H. Rice

Principal Engineering Geologist

Brian Kangas Foulk

Engineers • Surveyors • Planners

December 3, 1999.

Mr. Jetfrey Hagland PH Property Development Company 948 East Paces Ferry Road, Suite 2515 Alfania, Georgia, 30326

Subject: Certification of Compliance - McDonald Dersa She Restoration

Dear Justi

This is to certify that the work and materials used to completed the construction of the site restoration of the subject project are in conformance with the intent of the project plens and specifications subject to compliance of the work with the grotechment recurrements to the satisfaction of the Geotechnical Engineer

Attached are the four sets of the Record Drawings for the subject project requisited during our recent telephone conversion today. The original approved cupy of the record drawings will be maintained at our office onless directed otherwise.

Please call of we can be of further service.

Very truly years.

BRIAN-KANGAS FOURK

Lee Pauline

Construction Administrator

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION AND PURPOSE	1
2.0 BACKGROUND	2
3.0 SITE RESTORATION	4
3.1 ENVIRONMENTAL ANALYSIS	
3.2 GEOTECHNICAL TESTING	
4.0 CONCLUSIONS	5
4.1 ENVIRONMENTAL	
4.2 GEOTECHNICAL	
LIST OF REFERENCES	7
FIGURES	
Figure 1 Sate Vicinity Map	
Figure 2 Grading and Erosion Control Plan	
Figure 3 Compaction Test Locations	
Figure 4 Property Dedicated to City of Cupertino	
APPENDICES	
Appendix A - Chemical Testing of Imported Fill Material, July 1999	
Appendix B Compaction Test Results - Initial Site Restoration, Fall 1998	
Appendix C Compaction Test Results - Final Site Restoration, July 1999	

SITE RESTORATION REPORT McDONALD-DORSA PROPERTY CUPERTINO, CALIFORNIA FOR PH PROPERTY DEVELOPMENT COMPANY

1.0 INTRODUCTION AND PURPOSE

An approximately 130-acre parcel known as the McDonald-Dorsa property, located as shown on Figure 1 in Cupertino, California, is owned by PH Property Development Company (the Owner). In the fall of 1996, anecdotal information received from neighbors indicated that a landfill might have existed on the property during the 1960s and 1970s.

To determine if this information was accurate, PH Property Development Company contracted with Dames & Moore to conduct an investigation in an attempt to identify the existence of a tormer landfill. A geophysical investigation consisting of a magnetometer survey, electric resistivity survey and seismic refraction profiling was conducted by a subcontractor to Dames & Moore (JR Associates, 1997). The results of this investigation revealed that an approximately one acre portion of the property, near the intersection of Stevens Canyon Road and Ricardo Road, had formerly functioned as an unregistered landfill.

The City of Copertino took lead responsibility for cleaning up and remediating the former landfill, and conducted a series of investigations to characterize its contents and its lateral and vertical extent. The City subsequently developed and implemented a Removal Action Workplan that involved excavation and off-site disposal of landfill materials as well as environmental sampling and analysis to demonstrate completion of remedial activities. The work was conducted in accordance with the Environmental Cleanup Agreement between the City and the Owner dated September 26, 1997. These activities are summarized in two reports prepared by Camp. Dresser, and McKee Inc. (CDM), consultants to the City (CDM, 1998c, 1999c).

Upon completion of site remediation, a Site Restoration Plan was developed by Brian Kangas Foulk, Consulting Engineers (BKF) on behalf of the Owner. Dames & Moore (D&M) provided environmental and geotechnical consulting services to the Owner during the entire remediation and restoration process.

This report presents the results of our observations and investigations relative to environmental and geotechnical issues associated with restoration activities.

2.0 BACKGROUND

After learning of the reported landfill near Stevens Canyon Road, its presence, and its approximate lateral and vertical extent, was investigated by means of a geophysical survey program conducted by a subcontractor to D&M. The results of this investigation, which included magnetometer, resistivity, and seismic refraction surveys, suggested that landfill materials occupied an area of about one agre to a depth of approximately 30 feet, representing the filling of a former natural ravine (JR Associates, 1997).

An initial attempt to characterize the former landfill was conducted by Brown. Vence and Associates, Inc. (BVA), consultants to the City, by means of a trenching and analytical program (BVA, 1998). This investigation concluded that the landfill materials contained total lead concentrations ranging up to 980 parts per million (ppm). Waste Extraction Testing was performed to evaluate the lead's solubility characteristics. All samples tested exceeded the Soluble Threshold Limit Concentration (STLC) for lead defined by the California Code of Regulations, Title 22; this is the method used to classify materials as a California hazardous waste. The source of the lead is unknown but presumed by the City to be primarily related to street sweepings containing leaded gas residues.

The City retained CDM to develop a Removal Action Workplan to clean up the former landfill. This document (CDM, 1998a) was approved by the County of Santa Clara. Department of Environmental Health (County Health) and remediation activities commenced on September 15, 1998. This work was performed by Performance Excavators, Inc. of San Rafael, California, Excavation and contirmatory sampling activities were completed by the end of October 1998, except for a small area adjacent to private property and Stevens Canyon Road in the extreme northwestern portion of the property. The results of the confirmatory sampling program, conducted by both CDM and D&M, were presented in a December 17, 1998 transmittal to County Health, which also requested approval to initiate site restoration activities. The site restoration program agreed to by the City was to re-establish the pre-landfill raving configuration. Approval was granted on December 23, 1998.

Imitial site restoration commenced in late October 1998. It consisted of the placement of fill materials imported from a nearby construction site, material developed by on-site cutting and reworking of excavated slopes, as well as material from the nearby Stevens Creek Quarry Approximately 2,000 cubic yards of fill soil was brought to the site and about 1,500 cubic yards placed in the excavation as engineered fill by the City under the direction of CDM. Data concerning the initial fill placement are contained in an attachment to CDM's Site Restoration Plan (1999a).

Restoration activities were suspended in mid November 1998 due to inclement weather. A silt fence was installed at the southern end of the excavation adjacent to an 18 inch diameter reinforced concrete pipe (RCP) that was exposed in the deepest part of the excavation. The pipe drained southerly under the access road toward Stevens Creek. This pipe was subsequently plugged at its upstream end by the City using sand bags.

Prior to resuming site restoration activities in 1999 a request was made to the California Regional Water Quality Control Board (RWQCB) for concurrence that a groundwater investigation is not warranted, based on the physical properties of the site, the local groundwater regime, and the results of the landfill excavation and confirmatory testing program. This request was articulated in a Summary of Findings dated May 5, 1999 (CDM, 1999b). This request was conditionally granted in a letter from the RWQCB dated May 20, 1999 (CDM, 1999c, Attachment A), that states:

"Based upon our review of the letter report [submitted by CDM], and that the letter report data accurately characterizes the Site, and that the remaining 100 cy of fill will be removed for appropriate disposal during site restoration, we concur with the report's recommendation that a groundwater investigation is not warranted at the Site."

In the spring of 1999, the Owner decided to complete site restoration activities, and to regrade the property to its approximate post-landfill configuration, rather than that of the former ravine. The Site Restoration Plan prepared by BKF is presented as Figure 2. The City agreed to pay an amount equivalent to restoration of the original ravine topography as well as to be responsible for the excavation and disposal of the remaining contaminated soil in the northwestern corner of the property.

Site restoration activities were accomplished by Performance Excavators between the period July 12 through July 30, 1999. Field inspection services were performed by D&M on behalf of the Owner and by CDM on behalf of the City for the excavation and disposal of the contaminated material in the northwestern corner of the property.

The following sections discuss environmental and geotechnical factors associated with the site restoration process.

3.0 SITE RESTORATION

3.1 ENVIRONMENTAL ANALYSIS

A discussion of the initial stage of site restoration activities is provided in CDM's December 17, 1998 report (CDM, 1998c) and the analytical test data for imported fill materials are summarized in Appendix C of that document.

The final phase of site restoration occurred during July 1999. Eight samples of proposed imported fill (designated DMP1-1 through DMP1-1 through DMP2-4 for the primary and secondary source piles of hank run material, respectively) were obtained by D&M from the Stevens Creek Quarry. Only samples from the primary source were analyzed because the quarry committed to providing all material from that location. The testing program included: Total Petroleum Hydrocarbons by EPA Method 8015M; Volatile Organic Compounds by EPA Method 8260; Organochlorine Pesticides and PCBs by EPA Method 8080/8082; Chlorinated Herbicides by EPA Method 8150; Polynuclear Aromatic Hydrocarbons by EPA Method 8270; and Total Lead by EPA Method 6010. Test results are provided in Appendix A. No constituents analyzed for were detected above their laboratory detection limits.

Two samples of imported materials were obtained after placement in the site fill and tested for the same suite of analytes. Results from these samples, designated Fill-1 and Fill-2, are presented in Appendix A. No detections were reported.

3.2 GEOTECHNICAL TESTING

Placement of approximately 1,500 cubic yards of imported fill was conducted during the fall of 1998 under the observation of GeoSyntee Consultants, acting as subcontractor to CDM. Compaction curves and field compaction test results for this portion of the site restoration project are contained in Appendix B.

After removing the silt fence installed at the conclusion of construction activities in the fall of 1998, the contractor reworked the bottom of the excavation to dry it out and prepare for the completion of filling and compaction.

Two compaction curves were obtained for the remainder of the fill materials imported during July 1999, a volume of about 17,500 cobic yards (30,000 tons). Fill compaction was performed by Performance Excavators. Inc., under the observation of a D&M engineer. The project specifications required compaction to at least 90% of the maximum dry density as measured by ASTM D-1557. The D&M representative performed 78 moisture-density measurements using a

nuclear gauge at the approximate locations shown on Figure 3. The typical material was a brown gravelly silt with sand that had a maximum dry density of 134 pounds per cubic foot (pcf) and an optimum moisture content of 10%. A relatively small volume of a gray gravelly silt with sand (150 pcf maximum dry density, 5% optimum moisture content) was placed near the end of the project. Of the 78 measurements performed, all but 6 were of the first material. Only two tests indicated that the material was placed at less than 90% compaction; both areas were reworked and retested. The retests passed (93% and 94%). The average of all 78 tests was 94% compaction. Geotechnical test results for the final stage of site restoration are contained in Appendix C.

During the filling and compaction process the contractor benched the new fill into the existing ravine side slopes in order to bond the fill to the native material in accordance with established practice.

4.0 CONCLUSIONS

4.1 ENVIRONMENTAL

The former unregistered landfill on the McDonald-Dorsa property was excavated and properly disposed by the City of Cupertino. In a December 23, 1998 letter, the County of Santa Clara. Department of Environmental Health approved the City's action to initiate site restoration activities. In a May 20, 1999 letter, the RWQCB provided a conditional concurrence that a groundwater investigation at the site is not warranted. On September 8, 1999, CDM, on behalf of the City, submitted to the Santa Clara County Department of Environmental Health the Final Removal Action Report in which CDM reported that, based on sampling data and field visual observations, it is CDM's opinion that "the non-native material was successfully removed and that no further action is required by the City or any other party at the Site." CDM requested the Department of Environmental Health to provide a written concurrence. A concurrence has not yet been received from the Department.

The approximate topography of the site, as it existed prior to excavation of the landfill, has been restored by the placement of almost 20,000 cubic yards of imported fill. Chemical testing of the imported fill materials was conducted prior to placement by CDM in 1998 and by D&M in 1999. Two samples of in-place fill materials were also tested for chemical analytes by D&M. The results of these analyses indicate that the imported fill is non-hazardous and is suitable for the development of residential properties

An approximately 0.12 acre portion of the property, located as shown on Figure 4, will be dedicated to the City by the Owner in order to facilitate roadway widening.

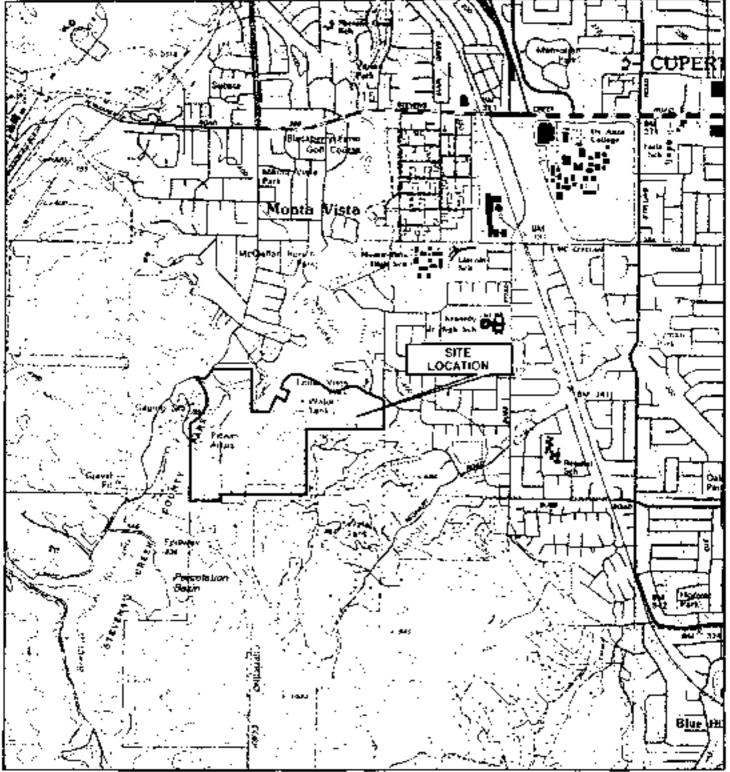
Based on these actions, it is our professional opinion that the former presence of the landfill should not constitute an environmental constraint to the development of this property for residential usage.

4.2 GEOTECHNICAL

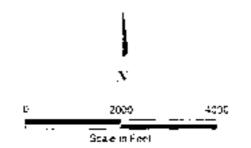
Compaction testing of imported fill materials and field observation of construction activities has been conducted primarily by D&M on behalf of the Owner as well as by GeoSyntee Consultants, initially, on behalf of the City. Based on review of previous data, our compaction testing and field observations, it is our professional opinion that the earthwork was performed in accordance with the intent of the project specifications and that the site is suitable for the development of residential properties

LIST OF REFERENCES

Brian Kangas Foulk, 1999. Site Restoration Plan. PH Property, McDonald Dorsa Site, June 22.
Brown, Vence & Associates, Inc., 1998, PH Properties Site, Initial Remedial Investigation and Analysis, July.
California Regional Water Quality Control Board, San Francisco Bay Region, 1999, Response to Summary of Findings, PH Property Development Company Site, Stevens Canyon Road near Ricardo Road, Cupertino, California, May 20.
Camp Dresser & McKee, Inc., 1998a. Removal Action Workplan. PH Proporties Site. Cupertino California, August 24.
, 1998b, Addendum #1 to Removal Action Workplan, PH Properties Site, Cupertino, California, November 18.
. 1998c, Report for Approval to Initiate Site Restoration Activities, PF Properties Site, Stevens Canyon Road near Ricardo Road, Cupertino, California December 17.
, 1999b, Summary of Findings, PH Property Development Company Site, Stevens Canyon Road near Ricardo Road, Cupertino, California, May 5.
County of Santa Clara, Environmental Resources Agency, Department of Environmental Health 1998, Response to Request for Approval to Initiate Site Restoration Activities, for Pl- Properties Site in Cupertino, December 23.
JR Associates, 1997, Geophysical Investigation at an Alleged Landfill off Stevens Canyon Road Cupertino, California, March 31.



Source: USGS 7.5 Minute Series (Topographic), Cupervino, CA Quadrangle, 1991



PH Property Development Co. McDonald Jorsa Property Cupertino, CA

Ĉ DAMES & MUGRE

November 1999

27862 003 043

FIGURE 1



Supro Bhan Kangus Fould Site Hostoration Man (2023 19)

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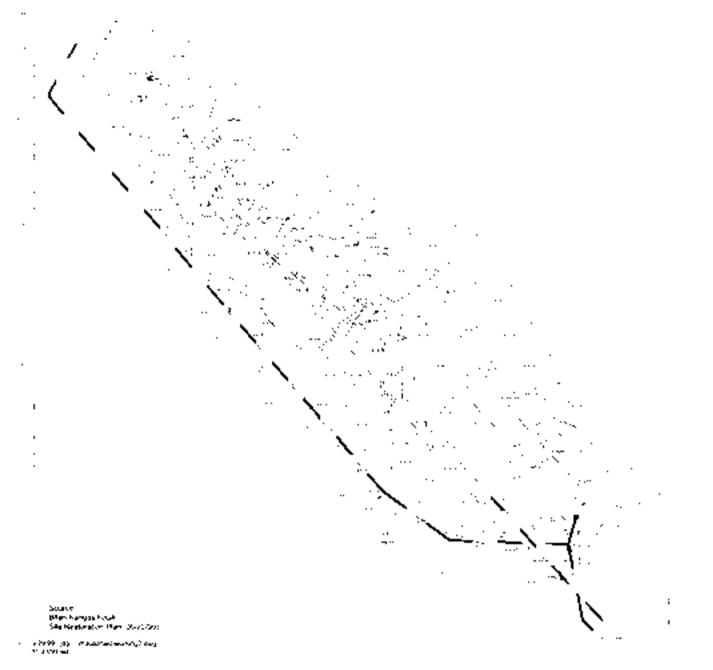


APPROXIMATE NUCLEAR GAUGE DENSITY TEST LOCATIONS

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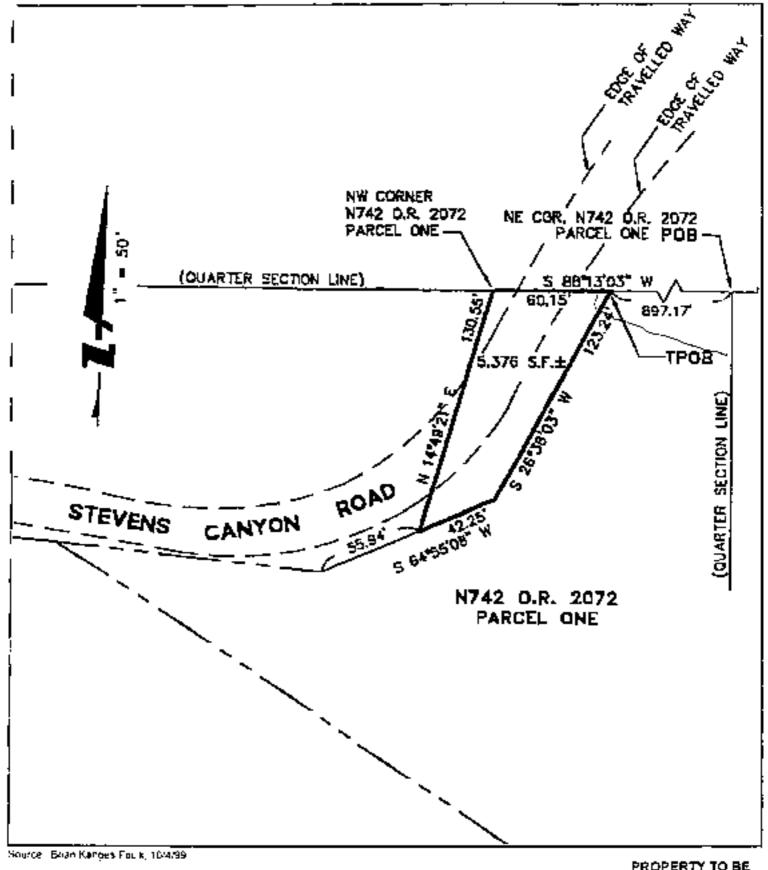


GRADING AND EROSION CONTROL PLAN

Ser Herbyspon 194 Projectly Georganian Company Mil Dunial Dunia Projecty Gugan to Galland

November 1999 11863 003 043 <u> James man</u>

149-06-7



PROPERTY TO BE DEDICATED TO CITY OF CUPERTINO

PH Property Development Co-November 1999 McDunald Dorsa Property 27862-003-043 Cuperisso, CA

🕏 DAMES & MOORE

FIGURE 4

525 Del Rey Avenae, Suite E * Sunnyvale, CA 94086 * (408) 735-1550 * Lax (408) 735-1554

July 9, 1999

Sergio Rojas Dames & Moore 2001 Gateway PL, Suite 270 W San Jose, CA 95110

Subject:

4 Soit Samples

Lab #1sc

15132-001 - 15132-004

Project Name:

Dorsa

Project Number.

27862-003-043

P.O. Number

Method(s)

EPA 8260, EPA 8015M, EPA 6010

EPA 8080/8082, EPA 8270, EPA 8150 - APCL

Subcontract Lab:

Applied P&Ch Laboratory (CAELAP #1431)

Dear Sergio Rojas.

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (#1-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson

Lab Director.

Entech Analytical Labs, Inc.

CA ELAP= 1-2346

525 Del Rey Avenae, Suite F. Signiv, Gel. CA 94086 # 308 (235-1550 # Lax. 408, 735-1554

NARRATIVE

Lab #1s:

15132-001 - 15132-004

SUMMARY:

Four (4) soil sample was received from Dames & Moore on July 7, 1999. Sample confer was scaled and intact at time of sample receipt.

FINDINGS:

All Quality Control parameters are within established control lamits.

525 Del Rey Avengo, Suito I. • Sunnevalo, CA 94086 • (408) 735-1550 • Fax: 408-735-1554

Dames & Moore 2001 Gateway Place, Suite 270 W

San Jose, CA 95110 Attn: Sergio Rojas Date: 7/9/99 Date Received: 7/7/99

Project: 18orsa 27862-003-043

PO #:

Sampled By: Client

Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg)

	4		477								
Sample ID	DMP1-1			DMP1-2	•		DMP1-3]	П	
Sample Date	7/7/99			7/7/99			7/7/99				
Sample Time								_			
Lab #	15132-001			15132-002			15132-003		1		
	Result	DF	DLR	Result	DF	DLR	Result	DF	DLR	PQi.	Method
Extraction	πιc			Turc			TITLO]			3050
Extraction Date	7/8/99			7/8/99			7/8/99				
Analysis Date	7/9/99			7/9/99			7/9/99				
QC Baich #	SM990710			SM990710			SM990710		1		
Lesd	ND	1 11	5 (1	ND	1.0	5.0	ND	1.0	50	3.0	6010
Extraction Date	7/7/99	:		7/7/99			7/7/99		٦		
Analysis Date	7/8/99			7/8/99]		7/8/99				
QC Batch #	DS990703			DS990703			115990703				
Total TPH-Extractable	ND			NĐ			ND			_	8015M
Individual TPH Results:											
TP#(-Dieset	ND	10	10	ND	Lft	1.0	ND	1.0	1.0	0.1	8 015M
TPH-Motor Oil	NĐ	1.0	13	ND	L.D	13	ND	1.0	13	13	8015M
TPH-Bunker Oil	ND	1.0	1.0	ND	1.0	10	NO	10	1.0	1.0	8015M
TPE-Jet Fuel (JP-5)	ND	1.0	10	ND	1.0	1 11	םא	1.0	1.0	1,0	8015M
TPH-Stoddard	ND	1.0	1.0	ND	1.0	1.19	ND	1.0	1.0	t.0	8015M
TPH-Hydrealic Oil	ND	1.0	13	ND	1.0	13	ďИ	10	13	13	8015M
TPIC-Fuel Off	ND	1.0	10	ND	1.0	i.D	ND	1.0	1.0	1.0	8015M
Hexacosane	76%			85%			77%]		
Analysis Dole	7/8/99			7/8/99			7/8/99				
QC Batch #	GBG49907	Ú8		GBG49907	08	_	GBG49907	08]		
Total TPH-Purgeable	ND			ND			ND				8015M
Individual TPH Results:											
TPH-Gas	ND	1.0	1.0	ND	10	1.0	ND	1.0	1 11	1.0	8015M
TPH-A-lation Gas	₩D	1.0	1.0	ND	E.D	140	ND	1.0	1.0	1.0	8015M
TPH-Mineral Spirits	ND	1.0	1.0	ND	6.0	1.0	ND	1.0	1.0	1 0	8015M
ສ,ສ,ສະ Trifl <u>yດເ</u> ຮາດໄປ ເ ກສ	95%			89%			93%	·			

Mitchelle L. Anderson, Lab Director

525 Del Rey Avenge, Suite F. • Sennycale, CA 94086 • (408) 735-1550 • Lax (408) 735-1554

Dames & Moore 2001 Guteway Place, Suite 270 W

San Jose, CA 95110 Attn: Sergio Rojas Date: 7/9/99 Date Received: 7/7/99

Project: Dorsa 27862-003-043

PO #:

Sampled By: Client

Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg) Sample ID DMP1-4 Sample Date 7/7/99 Sample Time Lab # 15132-004 Result DF DLR POL. Method Extraction TTLC 3050 7/8/99 Extraction Date Analysis Date 7/9/99 OC Batch # SM990710 Lead ND 6010 Extraction Date: 7/7/99 Analysis Date 7/8/99 QC Batch # DS990703 Total TPH-Extractable ND 8015M Individual TPH Results: TPH-Diesel ND L.D 1.0 Løl. 8015M TPH-Motor Oil ND 1.0 [3] 13 8015M TPH-Bunker Oil 1.0 ND 1.0 8015MTPH-Jet Fuel (JP-5) ND 1.0 1.0 1.0 8015M TPH-Stoddard ND 10 1.0 8015M TPR-Hydenulic Oil ND 1.0 13 13 2015M **TPH-Fuel Oil** ND LΦ 1.0 8015M Mexacusane 71% Analysis Date 7/8/99 OC Batch # GBG4990708 Total TPH-Purgeable 8015M Individual TPH Results: TPH-Gas ND 1.0 1.0 8015M TPH-Aviation Gas ND 1.0 1.0 1.0 8015M TPH-Mineral Spirits ND 1.0 8015M. а,а,а-Тгіяшогою інеле 91%

-Michelle L. Anderson, Lab Director

525 Del Rev Avenno-Suire L. Sunnyvale, CA 94086 * 6408 (735-1550 * Lax 6408 (735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Date Reported: 7/9/99

Sample Matrix: Soil Sample Date/Time: 7/7/99

Date Received: 7/7/99
Date Analyzed: 7/9/99

Lab #: 15132-001

Dilution Factor: 1

Client ID: DMP1-1

QC Batch #: SGCMS990707

Compound	Value	ľQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	100	100	Chloraform	ND.	- 5	- 5
Acrylonitrile	Nb] " [5]	- 5	Chloromethane	ND	5	- 5
Allyl Chloride	ND	- 5	5	2-Chlorotoluene	ND	5	.5
tert-Amyl Methyl Ether	NĐ	5	. 3	4-Chlorotoluene	ND	5	- 5
Benzene	ND	5	5	Dibromochloromethane	ND	. 5	- 5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	- 5
Ито товелие	ND	5	- 5	1.2-Dibromoethane	ND	- 5	- 5
Bromochiaromethane	ND	5	5	Dibromomethane	ND T	5	
Bromodichloromethane	ND	5;	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	51	5	trans-1.4-Dichloro-2-butene	ND	20	20
Bromomethane	IND	5	5	Dichlorodifluoromethane	ND	- 5	5
tert-Butanol	ND	201	20	1.2-Dichlorobenzene	ND	5	
2-Butanone (MEK)	ND	20,	20	1.3-Dichlorobenzene	ND	5	
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	- 5	- 5
n-Butylbenzene	ND	- 5	5	1.1-Dichloroethane	ND	5	- 5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	- 5	5
tert-Butylbenzene	ND	5	.5	1.1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	eis-1,2-Dichloroethene	ND	3	5
Carbon Tetrachloride	ND	\$]	5	truns-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	- 3		1.3-Dichloropropane	ND	- 5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	\$	5

Surrogate Recovery (%)
Dibromofluoromethane 102
Toluene-d8 106
4-Bromofluorobenzene 96

1. Results are reported in ug/kg (ppb).

2. DLR- DE x POL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Described at or above SILR DLR Detroition Reporting Limit PQL Practical Quartitation Limit

DF Dilation Factor

523 Del Rey Acenue, Suite E • Sunnyvalo, CA 94086 • 408- T35-1560 • Fax: 406: T35-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99 Lab #: 15132-001

Client ID: DMP1-1

Date Reported: 7/9/99
Date Received: 7/7/99
Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	[PQL]	DLR	Compound	Value	PQL	_ DLR
1.1-Dichloropropene	מא	5	. 5	Tetrachioroethene	ND	5.	5
cis-1,3-Dichtoropropene	ND	5	5	Toluene	ND	5	
trans-1.3-Dichloropropene	ND	5	5	1.2.3-Trichlorobenzene	ND	. 5	5
Dissopropyl Ether	ND] 5	5	1,2,4-Trichlorobenzene	_ [ND		
Ethyl Methacrylate	ND	5		1.2.3-Trichloropropage	ND	5	5
Ethylbenzene	ND			1,1,1-Trichloroethane	[ND	[5]	5
Hesachlorobutudiene	NĐ	5	5	1.1.2-Trichloroethane	ND	- 5	5
2-Hexagone	ND	20	20	Teichloroethene	ŢŅĐ	5]	
iodomethuse	ND	5	5	Trichlorofluoromethane	ND	. 5	5
Isopropylbenzene	NO	5		1.2.4-Trimethylbenzene	ND	5]	5
p-Isopropylioluene	IND		5	1.3.5-Trimethylbenzenc	NĐ	. 5	5
Methaerylonitrile	טא	5	\$	Xylenes (total)	ND.	- 5	.5
Methyl Methacrylate	NÜ	. ş[5	Vinyl Chloride	ND	_5	
4-Methyl-2-Pentanone (M1BK)	ND	20	20				
Methyl-tert-butyl Ether	ND	5	5				
Methylene Chloride	ַ מאַ	5	5				
Naphthalene	ND	5]			
Pentachloroethane	[NI>	5	5				
Propionitrile	ND	- 5	3				
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5	[<u></u>			
1,1,2,2-Tetrachloroethane	ND	5	5			<u> </u>	

Surrogate	Recovery (%)
Dibromofluoromethane	102
Toluene-d8	401
4-Bromoftworobenzone	96

1. Results are reported in ug/kg (pph).

2. Dt.R= DF x PQL

 Analysis performed by Entech Analytical Labs, Inc. (CAFLAP #I-2346)

Michelle 6-Anderson Lab Darreton

ND: None Delegged at or showe III R DLR: Detection Reporting Lemit PQL Practical Quantity inn Lintin

DF Diffusion Factor

425 Del Rey Acesor, Suite L. Sunnyvale, CA 94086 • 1408 (735-1550 • Fax 1408 (735-1554)

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

Lab #: 15132-002 Ctient ID: DMP1-2 Date Reported: 7/9/99
Date Received: 7/7/99

Date Analyzed: 7/9/99 Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL	<u> </u>
Acctone	ND	100	100	Chloroform	ND	- 5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Ally) Chloride	ND	5	5	2-Chlorotoluene	ND_		
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	- 5	5	Dibromochloromethane	ND	5	
Benzyl Chloride	ND	. 5	5	1,2-Dibromo-3-chloropropace	ND	5	- 5
Bromobenyene	ND	. 5	5	1.2-Dibromoethane	ND	5	5
Bromochloromethane	ND	- 3	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	- 5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bremeform	ND	5	S	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene]ND	5 [
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	I গ	9
tert-Butyl Elbyl Ether	ND		5	1,4-Dieblorobeazene	ND	5	5
n-Rutylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	- 5
sec-Butylbenzene	₫ <mark>N</mark>	5	5	1,2-Diebloroethane	ND	5	5
ters-Butylbenzenc	ND	5	5	1.1-Dichtoroethene	ND	5	5
Carbon Disulfide	ND	S	5	eis-1,2-Dichloroethene	ND	5	- 5
Carbon Fetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	[5]	5
Chloroethane	ND	.5		1.3-Dichloropropane	ND	5	5
2-Chloroethy Vinyl Ether	ND	5	5	2.2-Dichloropropune	ND		5

Surrogate	Recovery (%)
Dibromofliorumethane	104
Tolurne-d8	111
4-Bromofluorobenzene	87

Results are reported in ug/kg (ppb).

2. DLR: DF x PQL

 Analysis performed by Eptech Analytical Labs. Inc (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

NID None Deterring at or above 1958.

DER Detection Reporting Limit

PQL Practical Quantum on Linus

DF: Dilution Factor

523 Del Rev Avenue, Suite L.* Sunnyvale, CA 94086 * 3408/ 735-1550 * Fax (408/ 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

> Lab #: 15132-002 Client ID: DMP1-3

Date Reported: 7/9/99

Date Received: 7/7/99 Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQÜ	DLR	Compound	Value	PQ1.	DI.R
1,1-Dichloropropene	ND	5	- 5	Tetrachloroethcos	ND	5	5
cis-1.3-Dichloropropene	ND		5	Tolueac	ND		
trans-1,3-Dichloropropene	ØЯ	5	- 5	1,2,3-Trichlorobenzene	ND	5	5
Diisapropyl Ether	ND	3	5	1.2.4-Trichlorobenzene	ΝÜ		5
Ethyl Methaerylate	ND	5	- 5	1,2,3-Trichloropropane	ND	. 5	٠,
Ethylbenzene	ND	5	5	1,1.1-Trichloroethauc	ND	5	5
Herachlorobutadiene	ND	- 5	5	1,1,2-Trichloroethane	ND		
2-Hesanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethaue	NÖ	- 3	5	Trichlorofluoromethane	N3)	5	
Isopropyibenzene	ND	1 3		1,2,4-Trimethylbenzene	ND	5	5
p-Isopropylioluene	ND	3	5	1.3.5-Trimethylbenzene	ND	5	5
Methaerylopitrile	ND	- 5		Xylenes (total)	ND	5	
Methyl Methacrylate	ND	5	5	Vinyl Chloride	D	5]	ŕ
4-Methyl-2-Pentanone (MIBK)	ND	20	20		i	i	
Methyl-tert-butyl Ether	ND	5	- 3		1		
Methylepe Chloride	ND	5	5]		
Naphthakuc	ND	5	5			_ l	
Pentachloroethane	NÜ	5	5				
Propionitrile	ND	3	5				
n-Propylbenzene	ND	5		<u> </u>]	Ĺ
Styrene	ND	5	5				
1,1.1,2-Tetrachloroethane	ND	5	4			<u> </u>	
1.1.2.2-Tetrachloroctbane	ND	. 5	3	· · · · · · · · · · · · · · · · · · ·			

Surragate	Recovery (%)
Dibromoffioromethane	104
Tolucne-48	111
4-Bromoftuorobenzene	87
4-Bromottuorobenzene	87

1. Results are reported in ug/kg (ppb).

2. DIJR - DF x PQL

 Analysis performed by Entech Analytical Lahs, Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected at or above DNR DLR Detection Reporting Limit PCK. Preducal Quantitation Limit

DF (Niumon Factor

525 Del Rey Avenue, Suite E * Suimevale, CA 94086 * (408) 733-1550 * Lax (408) 735.4753

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Danies & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

> Lab #: 15132-003 Client ID: DMP1-3

Date Reported: 7/9/99

Date Received: 7/7/99 Date Analyzed: 7/9/99

Dilution Factor: 1

QC Butch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL	1) i.H
Acetone	ND	100	100	Chloroform	ND	- 5	5
Acrylomurile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	.5	- 5
tert-Amyl Methyl Ether	ND	3	5	4-Chlorotoluene	ND	.5	- 5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Beazyl Chloride	ND	5	5	t,2-Dibromo-3-chloropropane	ND	. 5	5
Bromobenzene	ND	. 5	5	1,2-Dibromoethane	ND	- 5	
Bromochloromethane	ND	5	. 5	Dibromomethane	NO	- 5	. 5
Uromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-buteae	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butenc	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	3
tert-Butanol	NĐ	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	- 5
n-Rusylbenzene	ND	5	5	1.1-Dichloroethane	ND	5	3
sec-Butylbeazene	ND	5	5	1,2-Dicbloroethane	ND	5	
tert-Rutylbeazene	ND	5	5	1,1-Dichloroethene	ND	5	- 5
Carbon Disulfide	ND			cis-1,2-Dichloroethene	ND	. 5	
Carlion Tetrachloride	ND	5	5	trans-1.2-Dichloroethene	ND	5	
Chlorobenzene	ND	5	5	1,2-Dichloropropage	ND .	- 5	- 5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	- 5	3

Surrogate	Recovery (%)
Dibromofluoromethane	105
Toluene-d&	107
4-Isromofluorobenzene	87

1. Results are reported in ug/kg (ppb).

2. DLR= DF x PQL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #1-2346)

Michelle 1.: Anderson, Lab Director

ND - None Detected at or above DLR DCR - Detection Reporting Limit

PQI. Practical Quantitation Limit

DI Dilucion Factor

525 Del Rey Avenue, Suito I. * Sonnyvalo, CA 94086 * 308, C35-E550 * £ax (408) T35-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil
Sample Date/Fime: 7/7/99

Lab #: 15132-003 Client ID: DMP1-3 Date Reported: 7/9/99
Date Received: 7/7/99

Date Analysmi: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQU	DLR
1,1-Dichloropropene	ND	5		Tetrachloroethene	ND	5	
cis-1,3-Dicblaropropene	ND	5	5	Toluene	ND	5	
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1.2.4-Trichlorobenzene	ND	5[- 5
Ethyl Methacrylate	ND	5	5	1,2.3-Trichloropropane	ND	5	5
Ethylbenzepe	ND] [3]	\$	1,1,1-Trichloroethanc	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1.2-Trichloroethane	αN	l 5[5
2-Pleganose	ND	20		Trichlarosthene	ND	5	5
lodomethane	ND	5	5	Trichlorofluoromethane	ND		. 5
Isopropylbenzene	ND	. 5	5	1,2,4-Trimethylbenzene	[ND	5	5
p-Isopropyltoluene	ND	5	5	1.3.5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20		[-			
Methyl-tert-butyl Ether	מא	5	5		-	. !	
Methylene Chloride	ND	5	5				
Naphthakue	ND	5	5	·	L		
Pentachioroethane	ND	5	5				
Propionitrile	ND	5	5				
o-Propylbenzene	ND	5	5				
Styrene	ND	5	5	l			
1.1.1.2-Tetrachloroethane	ND	5	5				
1.1,2.2-Tetrachloroethane	ND	5					·

Surrogate	Recovery (%)	1. Result
Dibromofluoromethane	105	2 DLK-
Taluene-d8	107	3. Analy:
4-Bromofluorobenzene	87	(CAE)

Results are reported in ug/kg (ppb).

2 DLR- DF x PQL

 Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1-2346)

- Michelle L. Miderson, Lab Director

ND Note Detected at or above DLR DLR Detection Reporting Limit

POI. Practical Quantitation Limit

DF Dilution Factor

525 Del Rev Avenue, Suite I. • Sumicyale, CA 94086 • (408) 735-1550 • £ax, 308, 735-1534

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99 Lab #: 15132-004

Client ID: DMP1-4

Date Reported: 7/9/99

Date Received: 7/7/99 Date Apalyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL[DLR
Acetone	ND	100	100	Chlaroform	ND	5	5
Acrylonitrile	NĎ		5	Chinromethane	סמ		5
Allyl Chloride	ND	5-	- 5	2-Chlorotoluene	NO	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	
Denzege	ND	5	5	Dibromochloromethane	NO	5	5
Benzyl Chloride	ND	- 5	5	1,2-Dibromo-3-chloropropane	ND	5	í
Bromobenzene	(ND	5	5	1.2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	- 5	. 5	cis-1,4-Dichtoro-2-butene	ND	20	20
Bromoform	ND	5	- 5	trans-1.4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	- 5	5	Dichlorodifluoromethaue	ND	5	5
tert-Butanol	ND	20	20	1.2-Dichtorobeoxene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichloroheozene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	- 5	5
a-Butylbenzene	ND	5	5	1,1-Dichloroethane	NĐ	5	5
sec-Butylbenzene	ND	5	5	1,2-Diebloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disuifide	ND	5	ç	els-1,2-Diebloroethene	ND	5	5
Carbon Tetrachloride	ND	- 5	5	trans-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5		1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5		1.3-Dichloropropane	ND	5	.5
2-Chloroethyt Vinyl Ether	ND	5		2.2-Dichloropropane	ND	- 5	5

Surrogate	Recovery (%)	 Results are reported in ug/kg (ppb).
Dibremofluoromethane	108	2. DLR= DF x PQL
Toluene-d8	107	Analysis performed by Entech Analytical Labs. Inc.
4-Bromofluorobenzene	87	(CAELAP nt-2346)

Michelle L. Anderson, Lab Director

ND Thone Detected at or above DLR DLR Detection Reporting Limit PQL Practice? Quantitation Lamit

DF Elitation Factor

525 Del Rey Avenue, Sinto I. • Sunnyvale, UA 94086 • (408) T35 (1550 • Fax) (408) T35 (1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

Lab #: 15132-004

Client ID: DMP1-4

Date Reported: 7/9/99

Date Received: 7/7/99

Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQ1.	PLR
1,1-Dickloropropene	ND	5	5	Tetrachloroethene	ND	. 5	- 5
cis-1.3-Dichloropropene	ND	. 5	5	Toluene	סא	- 5	. 5
trans-1,3-Dichloropropene	ND	5	5	1,2.3-Trichlorobenzene	ND	5	
Disopropyl Ether	ЙD	5	5	1,2,4-Trieblorobeazene	ND	5	
Ethyl Methacrylate	ND	5	. 5	1.2.3-Trichloropropane	ND		5
Ethylbenzene	ND	5	. 5	L,I,I-Trichloroethane	ND	5	5
Hexachlurobutadiene	ND			1,1,2-Trichioroethane	ND	5	.5
2-Hesanone	ND	20	20	Trichloroethene	<u> </u>	- 5	- 5
lodomethane	ND			Trichlorofluoromethane	ND	5	- 5
lsopropyibeozene	ND	5	5	1,2,4-Trimethylbenzene]ND	5	- 5
p-lsopropyltoluene	ND	3	5	1.3.5-Trimethylbenzene	ND	5	- 5
Methaerylonitrile	ND	- 5	5	Xylenes (total)]ND	- 5	
Methyl Methacrylate	ND	3	5	Vinyl Chloride	ND	. 5	- 5
4-Methyl-2-Pentanone (MIBK)	ND	20	20	·			
Methyl-tert-butyl Ether	ND	5	5			i I	
Methylene Chloride	ND	- 5	5		- <u>T</u>	<u> </u>	
Naphthalene	ND	5	5				
Pentachlorocthane	ND	. 5	5			L. I	
Propionitrite	ND	5	5				
n-Propylbenzene	ND	5	5				_
Styrene	ND		. 5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachlomethane	ND	3	5				

Surrogate Dibromofluoromethane	Recovery (%)	 Results are reported to ug/kg (ppb). DLR=DF x PQL
Toluene-d8	107	3. Analysis performed by Entech Analytical Labs, Inc.
4-Bromofluorobenzene	87	(CAELAP #1-2346)

ND None Detected at or above DLR DER: Detection Regarding Large

PQL. Practical Quantitation Limit

DF 33(Junion Factor)

525 Del Rev Avenge, Suite F. * Sumvyale, CA 94086 * 6408/ 735-1550 * Tax 6408/ 735-1534

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/9/99

Lab #: Method Blank

Client ID:

Date Reported: 7/9/99

Date Received: 7/9/99 Date Analyzed: 7/9/99

Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DER
Acetone	ND	100	100	Chloroform	ND	5	- 4
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	3	- 5	2-Chlorotolueae	ND	5	
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Веоделе	ND	[5]	5	Dibromochioromethane	ND	5	. S
Benzyl Chloride	ND	5	5	1,2-Dibrama-3-chlaropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	
Bromochloromethane	ND	5	5	Dibrymomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1.4-Dichloro-2-butene	ND	20	20) 20)
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	20	20)
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	<u> </u>
2-Hutanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	5
teri-Butyl Ethyl Ether	ND	5	5	1.4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	
tert-Butylbenzeue	ND	.5	S	1,1-Dichlaroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	. 5	5
Carbon Tetrachloride	ND		5	trans-1,2-Dichloroethepe	ND	5	5
Chlorohenzene	ND	5	. 5	1.2-Dichloropropane	ND .	5	5
Chloroethane	ND.	5	5	1.3-Dichloroprogene	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	5	

Surrogate	Recovery (%)
Dibropiofluoromethane	90
Totuene-d&	100
4-Bromofluorobenzene	91

1. Results are reported in ug/kg (ppb).

2 DUK= DF x PQL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #I-2346)

Michelle Le Anderson, Lab Director

NID None Detected at or above DLR DLR Detection Reporting Linux PQL Practical Quantitation Limit

525 Del Rev Avenue, Suite (il • Sunnivane, CA 94086 • (408) 73 ((1550 • Fax) 408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Date Reported: 7/9/99

Sample Matris: Soil Sample Date/Time: 7/9/99

Date Received: 7/9/99 Date Analyzed: 7/9/99

Lab #: Method Blank

Dilution Factor: 1

Chent ID:

Compound	Value	PQL	DLR	Сатроня	Value	PQL	DL.R
1,1-Dichloropropene	ND	- 5	- 5	Tetrachloroethene	ND	. 5	- 5
cis-1,3-Dichloropropene	ND	- 5	5	Toluene	ND	- 5	
trans-1.3-Dichloropropene	ND	- 5	5	1.2,3-Trichlorobenzene	ND	[
Düsopropyi Ether	ND	5	5	1.2.4-Trichlorobenzene	ND	5.	- 5
E(hyl Methacrylate	ND	5	5	1,2.3-Trichloropropane	ND	5	5
Ethylbenzene	ND	- 5	5	1,1,1-Trieblorocthane	ND	- 5	- 5
Hesachlorobutadiene	ND	5	5	1.1.2-Trichloroethane	ND	- 5	5
2-Нехавопе	ND	20	20	Trichloroethene	ND] 3]	· 3
lodomethane	ND	5	5	Trichlorofluoromethane	ND	- 5	5
Isopropyibenzene	ND		5	1,2,4-Trimethylbenzene	ND] 3]	5
p-Isopropyltoluene	ND	5.	5	1,3,5-Trimethylbenzenc	ND	5	- 5
Methaerylonitrile	ND	- 5	5	Xylenes (total)	ND	[5]	5
Methyl Methacrylate	ND	- 5	5	Vinyl Chloride	ND	. 5	5
4-Methyl-2-Pentagone (MIBK)	ND	20	20				
Methyl-teri-butyl Ether	ND	5	5				
Methylene Chloride	ND	3	5			$\Box\Box$	
Naphthalene	ND	5	5				
Pentachloroethane	ND	- 5	5		ĺ		
Propionitalle	ND	5	5				
n-Propylbenzene	ND	5	.5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5][
1,1,2,2-Tetrachloroethane	ND	1 3	- 5	·			

Surrogate Recovery (%)
Dibromofluoromethane 90
Toluene-d8 100
4-Bromofluorobenzene 91

- 1. Results are reported in ug/kg (ppb).
- DLR+ DF x PQL
- Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected as or above DLR DLR Detection Reporting Limit

PQL Practical Quantitation Linux

QUALITY CONTROL RESULTS SUMMARY

Lahoratory Control Spikes

QC Batch #: Matrix: Units	Soil mg/Kg	; 					Qualit		nalyzed: (tracted: Sample:		07/07/99 07/06/99 Blank Spike
PARAMETER	Method #		SA mg/Kg	SR mg/Kg	SP mg/Kg	SP	SPD mg/Kg	SPD %R	RPD	Q RPD	C LIMITS %R
Diesel	8015M	<1.0	25	ND	17	66	18	71	7.0	25	50-117

Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD. Spike Duplicate Result

SPD (%R). Spike Duplicate % Recovery

QUALITY CONTROL RESULTS SUMMARY

Matrix Spike and Matrix Spike Duplicate

 QC Batch #: DS990703
 Date analyzed: 07/07/99

 Matrix: Soil
 Date extracted: 07/06/99

 Units: mo/Kn
 Quality Control Sample: 15092-004

Units:	mg/ Ng						Quant	<u>y Connor</u>	эшприс.		13072-004
PARAMETER			SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD mg/Kg	SPD %R	RPD	Q RPD	C LIMITS %R
Diesel	8015M	<[.0	25	ND	L9	77	18	74	4.0	30	52-118

Definition of Terms

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

no. Not Calculated

METHOD: Gas Chromatography
Laboratory Control Sample

QC Batch #: GBG4990708

Date Analyzed: 07/08/99

Matrix: Soil

Quality Control Sample: Blank Spike

Units: µg/kg

								_			
l .	Method #	МВ ще∕ке	SA pg/kg	SR pg/kg	5Р 42/кg	SP % R	SPD µg/kg	SPD %R	% RPD	[] j QC JRPD;	LIMITS %R
Benzene	8020	<5.0	80	ND	81	101	81	101	0.2	25	75-125
Toluene	8020	≥5.0	\$0	ND	₿l	101	82	102	1.1	25	75-125
Ethyl Benzene	8020	<5.D	80	ND	82	102	84	106	3.1	25	75-125
Xylenes	8 020	<5.0	240	ND	248	103	254	106	2.5	25	75-125
Gasoline	8015	<1000	1000	ND	970	97	980	98	1.0	25	75-125
aga-TFT(S.S.,-PID	8020		•	90%	94%		95%				65-135
$aaa-TFT(S,S)_f$ -FID	8015			95%	91%		89%				65-135

Definition of Terms:

ns: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result
SP (%R): Spike % Recovery
SPD: Spike Duphcate Result
SPD (%R): Spike % Recovery

METHOD Gas Chromatography Matrix Spike and Matrix Spike Duplicate

QC Batch #: GBG4990708 Date Analyzed: 07/08/99
Matrix: Soil Quality Control Sample: 15132-001

Units: ug/kg.

	2. PNB 12										
PARAMETER	Method #	MB με/kg	SA µg/kg	SR μg/kg	SP μg⁄kg	SP % R	SPD µg/kg	SPD %R	% RPD	ÇKI RPD	LIMITS %R
Benzene	8020	<5.0	80	ND	84	89	78	98	64	25	70-130
Toluene	8020	<\$.0	20	ND	82	103	79	99	4.1	25	7 0-13 0
Ethyl Benzene	8020	<5.D	80	ND	81	101	79	99	2.3	25	70-130
Xylenes	8020	<5.D	240	ND	251	104	241	101	3.8	25	70-130
nan-TFT(S.S.)-PID	8020		•	92%	96%		87%				65-135

Calculated Recoveries Outside of Control Limits

Definition of Terms.

na: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

nc: Not Calculated

Voluble Organic Compounds
Laborators Comicel Sample

OC Batch ≠ SGCMS990707

Date analyzed

07.07.49

Mainx Soil Usin up kg Spiked Sample Histork Spike

	.313 FF -E									
PARAMUTER	Method F	NA ug kg	SR pg kg	39 µg/kp	SP •₃R	չըն րբ եր	SPD •▲R	\$\$\f\$\$	grp	oc lamits
_;- h:blest-chens	8240 8260	25	: ND	20	74	20	79	1.0	25	20-145
biongene	8240/8260	25	ND	27	109	27	ROI	07	25	20-140
E.m. Noroecherse	8240 8260	25	ND	29	117	29	117	0.3	25	70-139
Colvers	824018260	25	: ND	27	lak	27	109	4.7	25	70-130
Chiosobeevona	R240 B260	25	מא	29	116	29	116	110	25	70-[145
Jacongalo										
: Dileonolle-corolles	B240 R2mJ	i	100%	945.		9654				65-175
1.2 DigNoverbure	B240 8260		172**	107%		118%				63-135
Colorec -4X	8240 8260		110%	103**		106%				63-135
4-Biomottucrobeauene	8240 R260	1	102%	105**		103%		i	!	65-135

Definition of Terms

na. Not Analyzed in QC butch

SA Spoke Added

SR Sample Result

RPD(*x) | Duplicate Antivers - Relative Percent (Int) etimole

SP Spike Result

SS (**R) Spike ** Recovery

SPD Spike Dophvate Resolt

SPD (**R) Spike Diplicate ** Recovery

Magna Spike and Matrix Spike Doplicate METHOD: EPA 6010

QC Batch # SM990710 Matrix Solid Units, mg/kg Date Analyzed | 07:09 NN Date Digested: 07:08 NN Digestion Method: EPA 3050 Spiked Sample: 15152-002

PARAMETER	Meshod ≠	MB	SA	SR	SP	SP	SPD :	SPD	RPD	00	LIMITS
	•	mg/kg	mg kg	mg:kg	nag-kg	% R	mg/kg :	% R		RPD	. '%R
Antimony	6010	\$1.0	<u> 50</u>	50	ㅁ	L7.	nā	L)	π	25.0	69-102
Arsenic	60161	<4.0	50.	0.0	41	R3	42.	83	ባን	25.0	64-107
Barium	6010	<1.0	50.	na	[14 3	rsa -	na i	rité	n‡	25.0	75-113
Berylhum	6010	<1.0	50.	U.U	42.	R.)	42	83	01	25.0	71-110
Cadmiem	6010	<1.0	50.	0.0	38.	76	74	77	1-1	25.0	70-100
Caromasan	6010	<1.0	50.	100.6	140	78	139	77	0.2	25.0	68-112
Cobalt	6010	<1.0	50	ᇛ	na	ถย	па	ខាក	na	25 ()	66:113
Соррег	6010	<1.0	50	52.6	92.	80	93.	80	402	25 1)	75-109
Lead	6010	<10	50	64	47.	29.7	49.	86	41	250	64-115
Melvhdenum	60:0	<10	30	P.a	הת	па	r_a	П.	na	25.0	69-113
Nickel	6001D	51.0	30	62.1	104.	84	103	83	0.0	25.0	72-112
Selenium	6010	<1.D	50.	na	па	па	Pua .	n.a.	na.	25.0	67-103
Silver	6010	<1.0	50	na	: па	na.	na :	П.Э	ла	25.0	71-111
Thellium	6010	~1.0	50	50	. TLI	ш	na i	ıl-a	пд	25.0	70-106
Vanadium	6010	· 1.0	SU.	กล	[FI	P.A	na	60	па	25.0	69-114
Zine	6010	N4.0	50.	53.5	93.	79	92	77	0.8	25.0	68-105

Calculated Recoveries Outside of Coppol Limits:

Definition of Terms

na: Not Analyzed in OC batch

nt: Not Calculated

MB: Method Blank

SA: Spike Added

SR Sample Result

SP Spike Result

SP (%R) Spike % Recovery

SPD Spike Duplique Result

SPD (**R) Spake Duplicate % Recovery

525 Del Rey Avenue, Sulle E. Sugnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spakes
METHOD: EPA 6010

QC Batch v: SM990710 Matnx: Sikid Units: mg/kg Date Analyzed: 07:09:99 Date Digested: 07:08:99 Digestion Method: EPA 3050 Spiked Sample: Blank Spike

PARAMETER	Method #	МВ	SA	SR	SP	\$P	SPD :	SPD	RPD	0.00	QC LIMITS
		ingike	mg-4g	mg-kg	mg-kg	%R	mg/kg	*4.R		RPD	14R
Anismisny	6010	<1.0	<u> 9</u>	สม	ПΩ	rhá	ПŢ	Па	па	25.0	75-125
Arxenic	6010	<1.0	50.	0.0	43.	86	4,1	86	ט.ט	25.0	75-125
Barium	6010	<1.0	5D.	πц	n-s.	zhe	րդ	Dā	па	25.0	75(125)
Beryllium.	6010	<1.0	50.	0.0	47.	94	47	95	0.7	25.0	75-125
Cadmium	9010 E	< 1.40	50.	0.0	42.	82	44	848	7.4	25.0	75-125
Chromium	6010	< 1.46	50.	0.0	46.	92	47	95	2.5	25.0	75-125
Cobalt	6010	<1.0	50.	na	DA	па	Γ.	คอ	nu	25.0	75-125
Скупрет	6010	<1.0	50.	0.0	48.	95	46	91	4.5	25.0	75-125
l.eud	6010	51.0	50.	0.0	45.	90	49	97	7.8	25.0	75-125
Molyhdenum	6010	5 L D	50.	na	D3	пт	na	វាប	па	28.0	75-125
Nickel	6010	<1.0	50.	0.0	47.	93	45.	91	28	25.0	75-125
Selenium	6010	<1.0	50.	BO	na	na.	па	418	na .	25.0	75-125
Silver	6010	<1.0	50	na	na .	na.	па	. 313	Ĥæ	25.0	73-125
Thallcom	6010	41.0	50	no	na	па	กล	па	113	25.0	75-125
Vanadium	សារា	41.0	50	P D	na .	ᇳ	na	πи	пà	25.0	75-125
Zipa	6010	<0.0	50	0.0	43	87	44.	S8	2.0	25.0	75-125

Definition of Terms:

na. Not Analyzed in QC batch.

MR: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (*vR): Spike % Recovery

SPD: Spike Depireate Result

SPD (%R) Spike Duplicate % Recovery

CA ELAP# J-2346

523 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • 408 (735-1550 • Fax)408 (735-1554

August 30, 1999.

Dames & Monre Sergio Rojas 2001 Gateway Place, Suite 270W San Jose, CA 95008

Dear Sergio Rojas,

Enclosed is the hard copy report for Lab project # 15132-001-004, your Project # 27862-003-043. Please insert these pages in your report package. No results have been changed.

Sincerely, Answer on Edul

Andrea Edwards

Applied P. & Ch. Laboratory

13750 Magnella Ave. Chino CA 91700

Tel: (2004) SRG-1878 (Yex: (2003) 520-1436 Submitted to:

Entech Analytical Labs Inc. Attention: Alian Aks

525 Del Rey, Suite E Sumpyale CA 94086

Tel (408)735-1580 Fax: (408)735-1554

APCL Analytical Report

Service ID #: 801-994652

Collected by

Collected on: 07/07/99

Bereived - 07/08/99 Extracted | B7/08/99 Tested 07/08-12/99

Repurted, 07/13/99.

Sample Description Soil

Project Description Dames And Moore

Analysis of Soil Samples

					s Result
Component Analyzed	Method	Chit	PQ5.	19137-001 [DMP1-1] 99-04652-1	\$5132-002(50MP1-2) 99-04652-2
Sessi-VOC, 84 Compounds					
Acenaphthene	8270	$\mu \mu/kg$	300	56	840
Acenaphakylene	8270	"g/kg	200	85:	NZ.
Anthracene	\$270	μg/kg	300	80	NON
Honzja)anthraeene	8270	"g/kg	500	80	NO
Henzo(a)pyrene	8270	,.g/kg	500	NO.	N25
Henzof b) fluoranthene	8270	ورها اروب	500	ND	2/15
Henzo(g,b)()peryleper	8270	$_{\mu g}/k_{\mu}$	51111	ND	ND
Henzot kiffnos ant henc	\$270	ωg/kg	500	NO	SD
His (2-s blotnethoxy) methatic	\$270	_g/kg	500	4D	ND
Bis(2-chlorogthyl) ether	9270	"g/kg	500	Sn	8.0
Has (2 - chloropsup) oppy\(\frac{1}{2}\) ether	M27G	$\mu g/kg$	500	ND.	80
Ha(2) ethylhexyl) phihalate	6270	"g/kg	500	811	ND
4-Beamophenyl phenyl ether	8270	$_{\mu}$ g/kg	500	×n.	ND
Butyl Benzyl Philialate (BBP)	8.270	$_{\mu \mathrm{K}}/\mathrm{kg}$	500	κn	ND
4-Chloro-3-methylphenol	8270	ur/kr	1000	M2>	40
4-Chloroambne	8270	µm/kg	1000	NO.	80
2-Chloronaphthaicne	8270	µg/kg	500	NO	90
2-Chlorophenoi	8270	"g/kg	500	86	813
4-Chlorophenyl phenyl ether	5270	_{mE} /kg	500	NO	81.
Chrysene	8270	$\mu g/kg$	500	SD	54
Don-butyl phthalage (DBP)	5270	$\mu g/kg$	500	80	51
Democtyl phthalate (BOP)	5270	$\mu g/kg$	5011	S.D.	NZ:
Dibenz(a,h)anthracene	K270	μg/kg	500	NT:	NII
Dibenzoteran	H270	$\mu_{\rm K}/k_{\rm K}$	500	N1:	ND
1.2 Durklorahenzene	#270	$_{\rm H} g / k g$	500	875	ND
1.3 Dichloralienzene	6270	$_{\mu}\mathrm{g}/\mathrm{k}\mathrm{g}$	590	NT/	ND
1 4-Dichlorofenzene	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	300	80	80
3.31 Diclilorabenziáine	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	1000	K (3	80
2.4-Deckloraphenal	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	500	N9	ND
Diethyl phthalate (DEP)	8270	$\mu \mathbf{g}/k\mathbf{g}$	500	ND	80
Dimethyl phthalase (DMP)	8270	$\mu \mathbf{g}/k\mathbf{g}$	300	7/0	80
2.4-Daniethylphenol	\$270	,.s/kg	300	80	81)
4.6 Dinitro 2-methylphenol	8270	,.g/ kg	2500	80	· 80
2.4 Danitrophenei	8270	$_{\rm P} {\rm S}/{\rm kg}$	2500	80	80
2.4-Dimitrotaluene	8270	g/kg بر	500	ST:	81:
2.6-Dimitrotalisene	8270	#R/ % R	500	SE:	ND:
Fluoranthene	8270	"g/¥g	500	NU	kl:
Plantene	6270	$_{\rm J}, {\rm g}/{\rm kg}$	500	N52	NT.
Hexachtorobenzene	R 270	"g/kg	500	N2·	NE.
Hexachlorobutadiene	H270	$_{\mu} g/kg$	500	×1,4	NC:
Hexachlorocyclopretazione	8270	μκ/kg	500	85	N2.

Applies P & Ch Laboratory

13780 Magnolia Avr. China CA 01710

Tel (908) 590-1828 Fex. (908) 590-1484

APCL Analytical Report

				Analys	is Result
Component Analyzed	Method	Unit	PQI.	(8492-001(DMP3-1) 99-84652-1	15132-062 (3MF11-2) 99-84632-2
Bexachlororthane	8270	μg/ kg	500	80	811
Indeno(1,2,3-rd)pyrette	8270	μβ/ ೬₽	500	80	50
Ізархогоен	H270	μg/kg	500	SD	810
2. Methylnaphthalene	8270	ug/kg	500	80	910
3/4 Methylphenol (m/p-Caesol)	8270	"R/kg	500	SU	9.0
2-Methylphenol (n-Cresol)	8270	ug/kg	500	80	9.0
Naphthalene	8279	ug/kg	500	80	910
2-Nitroandine	8270	ng/kg	2500	86	811
3-Nitroaniline	8270	"g/kg	2560	Kυ	40
4-Nitroandine	8270	μR/¥R	2500	80	S.U
Natrolangenne	8270	pp/kg	500	910	80
2-Nitrophenol	8270	ug/kg	500	80	811
4-Nitraphenal	8270	R/kg	2500	80	sn.
N-Natrosouti-n-propylamine	8270	aR/kg	500	Su	SD.
N-Netrosodiphenylampre	A270	g/kg	500	NII	sn
Pentachtorophenol (PCP)	8270	μg/kg	25DH	ND.	40
Phenanthrene	8270	g/kg	500	SD.	40
Phenal	A270	µK/kg	SIDII	ND	40
Pyrene	8270	µK/kK	51911	ND.	91)
1,2.4 Trichlorobengege	8270	ug/kg	500	NE:	SD.
2,4.5 Trichlotophenos	A270	uk/kg	500	NI:	sp.
2,4.6-Trichlorophenol	8270	ur/kr	500	NO.	SD.
Organochiorane preterialne de PCRe		U 141 714			
Aldrin	5030	$_{\rm p,g}/{\rm kg}$	ι	MD	۶u
J.BBC	5030	pg/kg	i	NU	80
ir BHC	8050	µg/kg	i	ND.	80
t HEC	8030	"g/kg	i	NC:	80
η-BHC (Lincaie)	8086	gg/kg	į	NI:	80
Chlordage	8030	μκ/kg	50	PC:	811
4.4°-DDD	8080	ug/kg	2	NE:	sn
4.4'-DDE	8050	ug/kg	2	50	sp
4,4'-DDT	8080	eg/kg	2	NO.	sn
Dieždyan	8080	⊌g/kg	2	N2)	Str
Endosylfan I	8080	Jg/kg	1	50	80
Endovillag	8080	"g/kg	2	ND	×n
Eindosulfan sulfate	8080	"g/kg	5	ND	Sp.
F.nd; pr	8080	"g/kg	2	ND	#D
Enders aldehyde	8080	JR/kg	2	ND	80
Fluitin ketone	8080	"e/ke	2	ND	80
Heptachics	SDKD	"K/kK	1	20	80
Heptachlas epixade	SDSD	us/kg	1	86	86
Methoxychlor	HDSD	"g/kg	Lii	80	80
Toxaphene	8050	με/kg	100	86	80
Acodor-1816 (PCH-1016)	9052	eg/kg	38	96	8 L
Aroclor 1221 (PCB-1221)	6082	με/kε	100	46	80
Asselo: 1232 (PCR-1232)	9087	_z/kz	50	טפ	80
Aroclor-1242 (PCH-1242)	8082	us/kg	311	50	5 C
Acorlor-1248 (PCH-1248)	5093	μα/kg	311	40	80
Aroclot-1254 (PCH 1254)	8082	eg/kg	25	80	×6
Apprior-1266 (PCH 1260)	8082	pa/kg	25	SD.	90

CADHS FLAP No. 1431

Applied P & Ch Laboratory

13760 Magnisla Ave. Chico CA 91710

Tel: (909) 59% 1628 | Fex: (909) 59%-1498

APCL Analytical Report

				Analys	is Result
Component Apulyzed	Method	l'nj1	PQL	55132-003(J5MP4-3) 99-04652-3	15132-034(1551) 99 (14652-4
Debenzoluran	8270	με/kg	500	N),	871
1,2-Dichtorobenzene	8270	$\mu \mathrm{g}/\mathrm{k} \mathrm{g}$	500	NTA	×1.
1, 3-Dichknobensene	8270	$\mu_{\rm K}/k_{\rm K}$	500	86	816
1,1-Dichlosobenzene	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	500	ND	81)
3, Y-Dicklorobenzidine	8270	$\mu \mathbf{g}/k\mathbf{g}$	1000	ND	81)
2,4-Dichlatophenol	8270	μg/kg	500	ND	86
Diethyl phthalasc (DEP)	8270	μ¢/ km;	500	МU	80
Dimethyl phthalate (DMP)	8270	րg/kg	500	ND	8.6
2,4 Dimethylphenol	6270	وما/ وبر	500	יקא	80
4,6 Diagtra-2-methylphenol	8270	$\mu g/kg$	2500	40	86
2,4 Dinstrophenol	8270	$\mu g/kg$	2500	sp.	80
2,4-Dinetrotof@ene	8270	$\mu_{\rm K}/k_{\rm K}$	500	FD	86
2,6-Dinitrotoluene	8270	ր է / և այ	500	FD.	86
Fluoranthene	8270	, g/kg	200	SD	NO
Fluorent	8270	, g/kg	500	80	SD
Mexachlorobenzone	8270	⊬B/NA	500	80	30
Hexachlorobatadiene	8270	, g/ kg	500	LU U4	30
Hexachlorocyclopentadiene	3270	$\mu_{\rm K}/k_{\rm S}$	สถอ	NO.	SD
334 x achlor octhany	8270	, g/ kg	500	80	NO
Indeno(1,2,3-ed)pysene	8270	$\mu g/k_B$	590	N/D	85
Isophorane	8270	$\mu g/kg$	2410	NE:	YO
2-Methylnaphthalene	5270	$\mu_{\rm K}/k_{\rm K}$	2810	ND	20
3/4-Methylphenol (m/p-Clesot)	5270	$\mu g/k_{\rm K}$	500	NT:	NC:
2-McClivIphene2 (o-Cresol)	8270	$\mu g/kg$	500	NT:	NT:
N-505th alone	8270	$_{\rm AK}/k_{\rm B}$	500	NT:	NC.
2-Nitroandine	8270	μκ/¥κ	2500	NI)	NI:
5-Nita pandene	9/27D	$\mu g/kg$	2500	ND	NO
1-Sittoantine	8270	$\mu g/kg$	2500	80	52
Natrohomzene	#270	$\mu g/kg$	Sina	8.5	20,000
2- Sittophenal	#27o	$\mu g/kg$	580	Nβ	NC.
4. Nitaophenal	6270	$\mu \chi/k \chi$	2500	N F	NZ.
N-Natroso-di n propylamine	H270	$\mu_{\mathbf{K}}/\lambda_{\mathbf{K}}$	300	9.8	NE:
N-Netrosodiphenylamine	H270	$\mu g/kg$	500	ND	87.
Pensachlorophesol (PCP)	8370	$\mu {f g}/k{f g}$	2500	NO	NS.
Phonauthrene	8270	$\mu {\rm g}/{\rm kg}$	500	ND	St.
Phenol	8,370	$\mu g/kg$	500	s b	NZ.
Pytepe	P759	$\mu \mathbf{g}/k\mathbf{g}$	500	86	NZ.
1,2,4-Trichlorobenzene	9.270	$\mu g/kg$	500	20	NE.
2.4.5 Trichlerophenal	6370	$\mu g/kg$	500	80	NZ.
2,4,6-Trichlarophenol	8.27.9	$\mu g/kg$	5 00	80	NT:

CADHS Et AP No. 1431

Applied P & Ch Laboratory

12760 Magnetia Ave. China CA 91710

Tel: (209) 598-1828 Fex: (DOR) 591-1498

APCL Analytical Report

				Analys	is Result
Component Analyzed	Method	Unit	PQI.	15132 003(IDMP1-3) 99-0465 <u>2</u> -3	15132-004[DMP1-4] 99-04652-4
Digannehlurium proticides & PCBs					
Aldrin	8080	nR/kg	1	ND	815
J-BHC	8080	B/ks	1	s D	ND
a-HHC	8080	8/ ₩8	1	HU	ND
A-BBC	8080	uR/MA	ı	50	ND.
η BBC (Lindane)	XD9G	,.g/kg	ı	85	sp
Chlordane	KDBD	$_{\rm eg/kg}$	50	N2D	81:
6,41 (0)000	ADMG	$_{\rm e}$ g/ $k_{\rm B}$	2	80	F [:
4.45 DDE	DROB	μg/kg	2	ND	M(>
4,4% DDT*	gawa	μg/kg	?	ND.	NE.
Dieldrin	A080	μ 5/№ 5	2	MU	N _D
Endusulfan 1	MQ80	μ8/ k 8	1	KL	ЯĮ·
knowolian II	#080	μB/Mg	2	₩2	дк
Endovolfan sulfate	8080	րջ/ևջ	5	M2	SD.
Endain	8080	μg/kg	2	N1>	90
Endam aldehyde	8080	$\mu g/kg$	2	PD C4	sp
Kudain ketore	8050	μg/λg	2	טא	sn.
Heptachlos	8080	μg/kg	L	ND	S D
Hegitachlas epaxide	8080	$\mu_{\rm R}/k_{\rm R}$:	3(1)	5 U
Methokychlar	XDBU	$\mu g/kg$	10	ND.	ĸL:
Toxaphece	SDBO	μg/kg	100	יוג	NU
Amelor-1016 (PCH-1016)	8065	μg/kg	50	FD.	SE
Asoclor-1231 (PCB-1221)	ROB2	$\mu g/kg$	TOD	kn.	NC.
Ares for-1232 (PCB-1232)	MOB2	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	511	KC	M\$>
Aroclor-1242 (PCB-1242)	8082	⊬B/N#	30	KC	28
Ansclor-1248 (PCB-1248)	8032	$\mu_{\rm K}/k_{\rm K}$.50	ND.	NP.
Aroclor-1254 (PCB-1254)	6087	րջ/ևո	25	מא	МP
Ans:lor-1260 (PCB-1260)	8082	µg/Ag	23	ND	MIT
Chibrinated herbicides					
2,4-1)	8150	$_{\mu \mathrm{g}}/\mathrm{k}_{\mathrm{K}}$	ĮŪ	MU	8 D
2.4-DB	8150	μg/kg	10	ម្ភា	ND.
Dalapon (dychlogoacetic acid)	8150	μg/kg	20	501	ND
Dicappha	8150	μg/kg	LII	ND	×:-
Dichlosoprop	8150	yg/kg	N.V	ND	NO
Denosels (DNBP)	A150	րը/հաց	311	NO	ND.
MCPA	A150	mg/kg	2	NO	ND
MCPP	8150	mg/kg	2	20.02	ND
2,4,5-T	6150	µg/kg	טן	80	80
2,4,5.TP (Silvex)	8150	"g/kg	10	80	80

PQL. Practical Quantitietom Limit.

MDL Method Detection Limit

N.D., Not Deterted or less than the practical quantitation limit

J: Reported between PQL and MDL

CHITE Contract Required Detection Limit

L'aboratory Director Applied P & Ch Laboratory

Applied P & Ch Laboratory

13760 Magazille Ave. Chico CA 91710 Tel: (808) 590-1424 Fax (909) 594-1406

APCL QA/QC Report

Submitted to

Enterly Analytical Labs. Inc.

Attention: Allan Aks

525 Del Rey Soute E

Superviside CA 94056

Tel (408)735-1550 Fax (408)735-1554

Service II) # | 801 994052

Collected by:

Collected on 107/07/99

Sample description

Soil

Project Dames And Monre

Received 07/08/99 Tested 07/08/12/99 Reported 77/27/99

Analysis of Soil

801-994652QC

	Amalyan	vev	cev	M-Blank	Coar	SP Leve	LUS	545	MSD	MS/MSD	No contract	. Lamas
No approvide Name	Base 6 🗯	mg/Li	%Br.		Clist		She	%lte.	84ca	04095	2 Ba	3156
Semi-VOC. 64 Compounds												
Perio	110472	8D 0	93	8.00	∌g/kg	33.0	44	41	47	13	10-116	331
A Dick orangerous	44(48422	60.0	99	: · !.	$_{\mu}g/kg$	1670	50	39	64	8	$15 \cdot 1.98$	57
25% to process	49GJ422	60.0	143	8.6	$\mu g/kp$						-	
2.64%g., 500.	90 GJ422	ţin a	9.5	K B	$\mu R/k g$							
Heise his poliumationer	29000427	iiu 0	1126	N D	$_{\rm u} \rm g/kg$							
$4\sigma^{12}$, σ is demet by type and	99C3422	go II	102	κр	ug/kg	3330	49	48	56	16	10 126	58
2 h / Tra therophene.	99000422	60.0	105	x p	$_{\rm uK}/k_{\rm K}$							
Aller court said	1000,0422	6II U	102	×ρ	$_{\rm ng/kg}$	1670	49	58	βO	4	16 1.14	59
NAME A DESCRIPTION OF	90(GA12)	3150	96	ND	$\mu K/kK$							
Stephanica zapranos patrillo	99633421	1002	97	8.0	$\mu g/kg$	3330	38	3.3	35	8	10/134	5.7
Za como vae	99813422	60.0	104	N D	µg/kg							
Done Congressante (DOP)	9963422	60.0	105	8.5	$_{\perp \rm g}/k_{\rm g}$							
Brown (gyer)	99433422	60.0	101	8.5	ge/kg							
, the population	17633420			8.6	$\mu e/kg$	3330	5%	66	īι	4	42/120	5.4
$N(N(0), \delta_{\rm tot}) \approx \exp(i\rho y)$, where ϵ	9~63423			5.0	$\mu g/k\epsilon$	1676	35	15.	55	1.1	H-134	62
and the solution tenes	9960422			K P	$\mu \kappa/k \rho$	1670	49	60	63	5	10-132	li-l
2.3.70 Posts area	5.0G0422			κр	$_{\alpha K}/k_{K}$	10.70	51	62	60	ı	22-134	61
1 Set is a few of	+3044422			8.6	nR/kR	3330	29	45	40	12	12-132	GII
P. c	e9CJ122			\sim σ	$_{\alpha K}/k_{K}$	1670	68	71	F4	12	22(1.04	Mi

Applied P & Cl. Laboratory

13760 Maguella Ave. Chien CA 91710 Tel (989) 596-1828 Pas: (989) 580-1498

APCL QA/QC Report

	Amalysis	CON	TOTAL	St Name	Conc	SP Lewis	1.015	MS	SIST:	348 (34%))	Contra	1 10:
ring zen Skinz	Baren &	1,12871.1	%16w		l'air		77.Her	MKe.	R Rev	8 8 19 1	55 (6-)	1 Dat
едины Лівтанг деякіс	adva & PCB	•										
0.190	20842428	50 G	111	9.0	$_{\rm Lg}/k_{\rm Rg}$	-						
5-10901 Limita of	508(3128)	50 G	110	~ D	$_{\rm LS}/k_{\rm S}$	16.7	77	95	83	14	354143	45
JOHN.	20013828	50.0	39	40	$\mu g/kg$							
Helifa inger	57.13429	50.0	110	* 7	$\mu g/kg$	16-7	80	97	Sh	1.3	35(133)	50
* mii	5 - 00 9478	30.0	107	8.70	$\mu g/kg$							-
A ma	5 - 13 MAZK	30.0	10.4	5.0	ug/kg	16.7	77	9%	8.)	13	\$5,134	515
Hermonic Community	-41/3478	50.0	207	50	$_{\alpha \beta}/k g$							
King southern	4-1/8478	50 O	105	h D	$_{\rm u} g/kg$							
i : 144	0009428	50.0	104	2.15	$_{\rm B} g/kg$							
Les dia	9.904.1428	50.0	103	8.0	$_{\mu}g/kg$	16.7	φB	9.5	4-1	12	35 134	50)
1600	00.0428	50.40	110	5 D	$\mu g/kg$	16.7	8.5	102	45	11	39 (3.54)	18
14 1481	00033128	50.0	161	5 D	$_{\rm kg}/k_{\rm g}$							
Four our of E	5000458	50 n	163	8 p	$_{\rm gg}/kg$	-		-				
4.1.98.1	999 DE124	50 H	107	N.B.	$_{\rm gg}/k_{\rm gg}$	16.7	42	192	9.3	i I	3m/13.1	414
Later Carrier (Sec.	99634128	All I:	. 100	946	$_{\rm gg}/k_{\rm g}$							
Later Carroller Avetage	on Gulfy &	30 h	149	5.6	$\mu_{\mathbf{X}}/k_{\mathbf{X}}$							
Morning King	99-03-128	30.1	[119	× 10	$\mu \pi / k g$							

Applied P & Ck Laboratory

13780 Magoulia Ave. Chino CA 91710

Tel: (909) 594-1878 Pax: (800) 590-1494

APCL QA/QC Report

- Companion Name	Austyns Hatch #			Militana	Conc Unit	SP Leve		M5 9884s	MSD ZHrs	M5/MSD WHPD	Costi : ZBo	i la m Yan
Ohloopered herbicides				. —								
Thing on an alternative to a little	99/03/128	230	49	8.0	$_{\rm L} g/kg$							
3 felix is applied year	mG.W25	250	98	5.15	$\mu \mathbf{g}/k\mathbf{g}$							
4. N. Carlotte (1967)	2003/04/25	250	182	8.6	$\mu g/kg$							
Optiveral	99413425	250	94	N D	$_{\alpha R}/k_{\beta }$			-				
Mc100	14G3495	25000	108	8.0	nig/kg							
Distriction	e0020n25	250	98	8.00	$\mu R/4R$		-					
MCPA	0960425	25000	1116	5.20	ing/kg							-
7.10	49640475	250	E03	e b	$\mu g/kg$	35.0	96	70	70	>	$38 \cdot 133$	47
Percent system (CPCP)	эчениях	250	99	a lz	$\mu \mathbf{g}/k\mathbf{g}$							
CC (L. Swei	99GA425	250	101	8.6	$\mu g/kg$	25.0	P.o.	50	54	8	40-126	4.
1353	994,6495	250	105	≈ p	μ_R/k_R	25.0	80	7.2	7.5		45-142	L.
Process (497459)	~ 44,8425	250	93	4.0	ag/∳g						-	
(1) caramie 5	- 4G 8425	250	103	4. 7.	$_{\rm uK}/k_{\rm K}$				-			
: 4 I:B	49G3425	250	99	" "	$\mu g/kg$							
Помагов. Намартион	99 G342 3	250	93	5 P	$\mu g/kg$				-			
DOPA Ballon	99GJA35	250	101	K P	$\mu g/kg$							
Printing	89G3435	250	103	M D	$\mu g/kg$			-				
Vert 140 c	98070425	250	100	a b	$\mu g/kg$	-						-

Notation:

ICA Timeral Califoration Verification

Continuation Calibration Verification CCN

LCS - Lab Control Spike

MS Matera Spine

MSD - Mairix Spake Duplicare 1000 Interfesence Check Standard

MIC Matrix Duplicate

Not detected by less than PQL

CCH - Continuation Californium Hank

Mildank - Method Blank SP layel Spike Level

Miles - Hessivet (Percent MHM) - Reantive Percent Differenties. SDaff Canarol Limits for SRPD 2CF/SD | ICP Serial Dilution N.A. | Not Applicable

Respectfully submitted.

Kevin Xie, Ph. D., QA Director

Applied P & Ch Laboratory

S25 Del Rey Avenue, Suite E. Sunnyvate, CA 94086. Telephone (408) 735-1550 (800) 287-1799 • Fax (408) 735-155-155 (Analysis Work Order

LAB IJSE ONLY		Samples arrived chilled and intact:	Yes No	Notes:	Sapron	also	Bequested Analysis &	1 1 0 0 5 0 5 0 vu!	401 000 000 000 000 000 000 000	XXX								17:00 I'me 17:00	17/99 1111846	Time
DCR54 Project ID: <u>27862 - 055 - 04</u> 5		Telephone #:	(408 HSF 1124)	Spe	गुज्ज े	7:14	19 Je (0)	5 g 02 5/	74, 808 108	X	-	-				7	> >	14C	7	1)#t
yect ID: 278	Order #	Telep	*10 (408)	Acominents 5 ≥1本				į	Sample S. Container		l	,		1			_	-982	Jukken.	
Ę	Purchase Order #	Sampler/Company:	8 MY / DER	Hold Complete With	-				Time Collected Pres.	1	\ 	\	\ 	1	1	1		1-72ABH-95	andone	
ļ	=	4	- 	<u></u>	<u>-</u> 		Sample Information		Date	port t		_ ·				-	₹	Received	F.Z. Commenting	Kandin
Junes + Moore	Gateman	270 W SY	20010 Royas	451-[125	r.		Sample		site Matrix	-	!			~	 	- 1	*	<u> </u>	FAM8# 952	
7	200	J	2001	(408)	#				Grah/ ID : A Commodite	À ∣	_) [5	, h			٠,	2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\setminus	
Client.	Address		Contact	Telephone #:	Tum Around				Lab # Samole ID	1-	2 to WW 200-	-003 DMP43	HODDER DOOR	*CMC	*DMD2	* AMP	N. W.D.	Robert 14.	N. P. S.	Keknaji In

Samples extived chilled and intect: 17:00 LAB USE ONLY ž 225 Del Rey Avence, Suita B - Barayande, CA 94016 • Telephone (408) 735-1550 (800) 287-1799 • Pan (408) 735-1554 ž Nater Chain of Custody/Analysis Work Order 00K5A Project Ui: 27862 - 001 - 045 ž Telephone # 15/20 J Purchise Order A ور دم Ě ŧ 12ABH Sampler/Company Time THE PARTY NAMED IN Rommet By Received By. Sample Laforcascion 2011 now + Mosec 24 270 WS Grade March 461-2010 4812 ğ Semple 10 F 7-10MG Z-JJWQ 0-1dm(-MoMA Telephone #: Contact Address Date Received Tum Around: 3 ŕ 9 3

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Subcontract Chain of Custody

udbedue

boombact Lab		Date Sens	Project Masse:	, , , ,	Droc Date:	~ ^ ^ ^
MACC C		77299_	Dame	s 4 Ma	<u> 7</u>	<u> 9-99</u>
Sample ID and Source	Matrix	Required Analysis	Date Taken	Time Taken	Contain	— : <u>1</u>
732-∞1 (DMP1-1)	<u> \$ </u>	4150	7-	<u> </u>	402	pr_
5133-002(DMP1-2) 5133-003(DMP1-3)		<u> </u>	 - -	_		
<u>5133-003/DMP1-3</u>)		<u> </u>	\vdash		\ <u>\</u> -	
332-004(DMP1-4)	¥	₹	V		<u></u>	
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525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Subcontract Chain of Custody

					المحص	KPP
Sub-contract Lab.		Dete Scate	Page Name	<u> </u>		- 6
APCL		77799	1 Dime	s +Ma	ve 1-7	7
Sample ID and Source	Metrix		Date Taken	Time Taken		1
15132 -001 (DMP1-1)	_S_	\$150 8270	77	_	40= p	<u>r</u>
<u>15132-002/DMP-Z</u>		* 3C5C (VS) 41CD5			<u> </u>	\longrightarrow
15132-001 (DMP1-1) 15132-002 (DMP1-2 15122-003 (DMP1-3) 15132-004 (DMP1-4)		<u> </u>	<u> </u>		<u></u>	
15132-004/DMP1-4)	1	₹	<u> </u>			
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734		2/2.60				

525 Del Rev Avenue, Suite F. • Sunnyvale, CA 94086 • 308 (735-1550 • Fax) 408 (735-1554)

August 4, 1999

Sergio Rojas Dantes & Minore 2001 Gateway PL Sunte 270 W San Jose, CA 95110

Subject

2 Soil Samples

Lab#'s

15496-001 - 15496-002

Project Name:

Project Number

27862-003-043

P.O. Number

Method(s)

EPA 8260

EPA 8080, EPA 8150, EPA 8270-APCL

Subcontract Lab(s).

Applied P&Ch Laboratories (CAELAP #1431)

Dear Sergio Rojas.

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (#1-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely.

Michelle L. Anderson

Lab Director

CA ELAP# 1-2346

525 Del Rev Avenue, Suite F. • Sunnyvale, CA 94086. • (408) 735-1550. • Fax (408) 735-1554

Dames & Moore 2001 Gateway Place, Suite 270 W

San Jose, CA 95110 Attu: Sergio Rojas Date: 8/2/99 Date Received: 7/29/99

Project: 27862-003-043

PO #:

Sampled By: Client

Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg)

Esmala ID	FIIFI		47	Fill-2						
Sample ID										—
Sample Date	7/27/99			7/27/99						
Sample Time	11:30			11:35						
Labe	15496-001			15496-002						
	Result	DF	DLR	Result	DF	DLR			PQL	Method
Extraction	วานต	ĺ		<u>mrc</u>	[]]				3050
Extraction Date	7/29/99			7/29/99				L. T"		
Analysis Date	7/29/99] - [7/29/99						
QC Batch #	SM990730			SM990730			_	`		
Lead	ND	1.0	5 (1)	ND	1.0	50			5.0	6010
Extraction Date	7/29/99]		7/29/99						
Analysis Date	7/29/99			7/29/99					-1	
QC Batch #	DS990714	\neg		DS990714					1 1	•
Total TPH-Extractable	ND			ND					- - 	8015M
Individual TPH Results:										
TPH-Diesel	ND	ιĐ	10	ND	1.0	1.0			1.0	8015M
TPH-Motor Oil	ND	L.D	13	ND	1.0	13		<u> </u>	13	8015M
TPH-Bunker Oil	ND	1.0	1.0	ND	10	1.0			1.0	8015M
TPH-Jet Fuel (JP-5)	ND	1.0	10	ND	1.0	1.0		·	1.0	B015M
TPH-Stodderd	ND	1.0	1.0	ND	1.61	10			1.0	BOISM
TPH-Hydraulic Oil	ND	10	13	ND	1.4	13			13	BOISM
TPH-Fuel Oil	ND	. 10	1.0	ND	1.0	1.0			1.0	BOLSM
Нехасозале	90%			91%			• •		1-22	
Analysis Date	7/29/99			7/29/99					· -	
QC Batch #	GBG19907	29		GBG19907:	29			<u> </u>		
Total TPH-Purgenble	ND	_ 		ΝĎ					- - 	8015M
Individual TPH Results:										4013111
TPH-Gas	ND	1.0	1.0	ND	1.0	1.0			1.0	8015M
TPH-Aviation Gas	ND	10	1.0		1.0	1.0			1.0	
TPH-Mineral Spirits	ND	1.0,	1.0		1.0	1.0		-	1.0	8015M
a.a.a-Trifluorotoluene	110%			103%					 	20121-1

Michelle L. Anderson, Lab Director

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

August 4, 1999

Sergio Rojas Dames & Moore 2001 Gateway Pa., Suite 270 W San Jose, CA 95110

Subject.

2 Soil Samples

Lab nis.

15496-001 - 15496-002

Project Name:

Project Number:

27862-003-043

P.O. Number:

Method(s):

EPA 8260

EPA 8080, EPA 8150, EPA 8270-APCL

Subcontract Lab(s):

Applied P&Ch Laboratories (CAELAP #1431)

Dear Sergio Rojas,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (41-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550

Sincerely.

Michelle L. Anderson

Lab Director.

CA ELAP= 1-2346

525 Del Rev Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

NARRATIVE

1.ab #1s:

15496-001 - 15496-002

SUMMARY:

Two (2) soil sample was received from Dames & Moore on July 29, 1999. Sample cooler was scaled and intact at time of sample receipt.

FINDINGS:

All Quality Control parameters are within established control limits except for QC Batch #SM990730 for MS/MSD for Chromium, Copper, Nickel, and Zinc and QC Batch # GHG1990729 for MS/MSD for Benzene.

525 Del Rev Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

11:30

Sample Matrix: Soil

Sample Date/Time: 7/27/99

_____ էայի #: 15496-00 Լ

Client ID: Fill-1

Date Reported: 8/2/99

Date Received: 7/29/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCM5990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetont	ND	100	100	Chloroform	ND	2	5
Acrylonitelle	ND	5	5	Chloromethane	ND	T . 3	5
Allyl Chloride	ND	5	. 5	2-Ch]orotoluene	ND	5	š
tert-Amyl Methyl Ether	NĐ	5	5	4-Chlorotaluene	ND.	5	5
Beaxene	ND	. 5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	- 3
Bromobenzene	ND		5	1,2-Dibromoethanc	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	
Bromodichloromethans	ND		5	cis-1,4-Dichlora-2-butene	ND	5	5
Bromoform	ND	5	5	trans-1.4-Dichloro-2-botene	ND	5	5
Bromomethant	ND	3		Dichlorodifluoromethane	ND	5,	5
ieri-Butanol	ND	20	20	1,2-Dicblorobenzene	ND	5	5
2-Botacone (MEK)	ND	20	20	1,3-Dichlorobenzene	NĐ	5	. 5
tert-Butyl Ethyl Ether	ND	3	5	1,4-Dichlorobenzene	ND	5	- 5
n-Butylbenzene	ND	5	5	1.1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1.2-Dichloroethane	ND] 5	5
tert-Butylbenzene	ND	3	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1.2-Dichloroethene	ND	- 5	5
Carbon Tetrachloride	ND	5	5	teans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	- 5	.5	1.2-Dichloropropane	ND	S	.5
Chloroethane	ND	5	5	1,3-Dichloropropage	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichtoropropane	ND	s!	

Surrogate	Recovery (%)	 Results are reported in ug/kg (ppb)
Dibromofluoromethane	143	2. DLR+ DF x PQL
Taluene-d8	III	 High surrogate recovery due to matrix interference.
4-Bromofluorobenzene	95	 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP 41-2346)

Michelle L. Anderson, Lab Director

NO. None Detected at its above DLR. IA.R. Detection Reporting Limin PQL Practical Quantitation 7 mil

195 Distance Factor

525 Del Rey Avenue, Søde F. • Suprivvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11:30

Lab #: 15496-001

Client ID: Fill-1

Date Reported: 8位'99

Date Received: 7.29.99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1.1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cls-1,3-Dichloropropens	ND	3:	5	Tolucae	ND		
trags-1,3-Dichloropropene	ND	5		1,2,3-Trichlorobenzene	ND	5	5
Däsopropyl Ether	ND	. 5	5	1.2.4-Trichlorobenzene	ND	I1	5
Ethyl Methaerylate	ND	5		1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	- 5	5	1.1.1-Trichlomethane	ND		5
Nexachlorobutadiene	ND	5	. 3	1,1,2-Trichloroethane	DND	5	5
2-Незаполе	ND	20	20	Trichlorgethene	ND	5	5
liodomethane	ND	5		Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ŇĎ	5	5	1.2.4-Trimethylbenzene	ND	3	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	: 5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-bulyl Ether	ND	5	5				
Methylene Chloride	ND	5	5			<u>. </u>	
Naphthalene	ND	5	5				
J'entachloroethane	ND		5				
2-Picoline	ND	5	5	<u> </u>			
n-Propylbenzene	מא	5	5	<u> </u>			
Styrene	ND	. 5	5	·		<u> </u>	
1.1,1.2-Tetrachloroethane	ND	5				ļ.,	
1,1,2,2-Tetrachlorocthanc	ND] 5	5				

Surrogate	Recovery (%)	 Results are reported in ug/kg (ppb)
Dibromofluoromethane	143	2. DLR= DF x PQL
Taluene-d8	111	 High surrogate recovery due to matrix interference.
4-Bromotluorobenzene	95	4 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected at or above 12, R DR.R Descript Reporting Limit PQL Practices Quartitation Limin

53F (Delunion Factor

525 Del Rey Avenue, Suite E . Sunnyvale, CA 94086 . (408) 735-1550 . Fax (408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 82608

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11/35

Lab#: 15496-002

Client ID: Fill-2

Date Reported: 87:99 Date Received: 7/29:99

Date Analyzed: 7/30/99

Dilution Factor: |

QC Batch #: SGCMS990726

Campound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	100	100	Chlaroform	ŊĎ	5	5
Acrylonitrik	ND	5	5	Chloromethane	ND	- 5	- 5
Allyl Chloride	ND	5	5	2-Chioratoluene	ND	5	5
tert-Amyl Methyl Ether	ND	_5	. 5	4-Chlorotoluene	ND	- 5	5
Веплене	ND	5	5	Dibromochloromethane	ND	51	5
Benzyl Chloride	ND	5	5	1.2-Dibromo-3-chinropropune	ND	5	- 5
Bromobenzene	ND	5	5	1,2-Dibromocthane	ND	5	- 5
Bromochloromethane	ND	5	5	Dibromomethung	ND	- 3	- 5
Bromodichloromethung	ND	5	5	cis-1,4-Dichloro-2-butene	ND	5	5
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	3	5
Bromomethane	ND	5	- 5	Dichlorodifluoromethane	NÜ	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.J-Dichlorobenzene	ND	3	5
ieri-Butyl Ethyl Ether	αN	. 5	5	1,4-Dichlorobenzene	ND	- 5	5
p-Butylbenzene	ND	- 5	- 3	1.1-Dichloroethane	ND	3	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	51	- 5
tert-Butylbenzene	ND	- 5	5	1,1-Dichlargethene	ND	3	5
Carbon Disulfide	ND	- 5	- 5	cis-1.2-Dichloroethene	ND	- 5	5
Carbon Tetrachloride	ND	5.	5	trans-1,2-Dichloroethene	ND	3	- 5
Chiorobenzene	ND	5	- 3	1.2-Dichloropropane	ND	5	3
Chlorocthane	סא	5:		1,3-Dichloropropane	ND	3	31
2-Chlorgethyl Vinyl Ether	ND	- 3		2.2-Dichloropropune	ND	5	- 3

Surrogate	Recovery (%)	 Results are reported in ug/kg (ppb).
Dibromofluoromethane	144	2 DLR - DF x PQL
Toluene-d8	97	3 High surrogate recovery due to matrix interference
4-Bromoßuprobenzene	96	4 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP #J-2346)

Michaile L. Anderson, Lab Director

ND None Descried at or above DLR DCR Descript Reporting Limit POL. Practical Quantitation Limit

525 Del Rev Avenue, Suite E • Sunnevale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11:35

Lab #: 15496-002

Client ID: Fill-2

Date Reported: 8/2/99

Date Received: 7/29/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQU	DLR	Compound	Value	PQL	PLR
1.1-Dichleropropene	ND	5	5	Tetrachloroethene	ND	5	5
cls-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	5
trans-1.3-Dichloropropene	ND	5	- 5	1.2.3.Trichtorobenzene	ND	5:	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichtorobenzene	ND	5	.5
Ethyl Methacrylate	NB	3	3	1,2,3-Trichloropropane	ND	- 5	- 5
Ethylbenzene	ND	5:	5	1,1,1-Trichloroethane	ND	5	- 5
Hesschlorobutadiene	ND	- 5	,\$	1,1,2-Trichloroethane	ND	5	5
2-Незваоле	ND	20	20	Trichloroethene	ND	- 5	5
lodomethane	ND	5	\$	Trichiorofluoromethane	ND	5	5
Isopropylbenzene	NB	5	5	1.2.4-Trimethylbenzene	ND	. 5	. 5
p-Isopropyltoluene	ND	S	5	1,3,5-Trimethylbenzene	ND	5	- 5
Methacrytonitrile	ND	5	S	Xylenes (total)	ND	3	3
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	31	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20	<u> </u>		! 	
Methyl-tert-butyl Ether	ND	5	5			1	
Methylene Chloride	ND	5	5				
Naphthalene	ND	- 5	5			†	
Pentachloroethane	ND	5	5			 	
2-Picoline	ΝĐ	5	5			1	
n-Propylbenzene	ND	5	5			 	
Styrene	ND	3	- 5			1	
1,1,1,2-Tetrachloroethune	ND	5	5			 	
1.1.2.2-Tetrachioroethane	ND	5	5			\vdash	

Sumogate	Recovery (%)	 Results are reported in ug/kg (ppb)
Dibromofluoromethane	144	2. DLR+ DF x PQL
Toluene-d8	97	 High surrogate recovery due to matrix interference
4-Bromofluorobenzene	96	 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND. Note Detacted at or above DLR

DLR Detection Reporting Lienti

PCC Practical Quantities on Lemit

525 Del Rev Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax: 408: 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/30/99

Lab #: Method Blank

Client ID:

Date Reported: 8/2/99

Date Received: 7/30/99

Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compéund	Value	PQL	DLR
Acetone	ND	100	100	Chloroform	ND	5	5
Acrylonitrile	ND	- 5	5.	Chloromethane	NĐ	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	1	5
Benzens	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	3	5
Bromobenzene	ND	5	5	1,2-Dibrompethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	- 31	- 5
Bromodichloromethane	ND .	5	5	cis-1.4-Dichloro-2-hutene	סא	\$	5
Bromoform	ND	. 5	S	trans-1,4-Dichloro-2-butene	ND	- 5	5
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	- 5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	5
ieri-Butyl Ethyl Ether	NĐ	5	- 5	1,4-Dichlorobenzene	ND	5	- 5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sze-Butylbenzene	ND	. 5	5!	1,2-Dichloroethane	ND	5	5
ters-Butylbenzene	ND	5	- 5	1,1-Dichloroethene	סא	- 5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichlaraetheae	ND	5	5
Carbon Tetrachloride	ND	5	- 5	trans-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	3	1,2-Dichloropropane	NÜ	5	5
Chloroethane	NĐ	5		1.3-Dichloropropane	ND	- 3	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)	 Results are reported in ug/kg (ppb).
Dibromofluoromethane	110	2. DLR+ DF x PQL
Toluene-dR	106	Analysis performed by Entech Analytical Labs, Inc.
4-Bromofluorobenzene	107	(CAELAP #1-2346)

NO None Detected at or above DER DER Detection Reporting Stamil POL. Predical Quantitation Limit

525 Del Rey Avenue, Suite E • Suprivvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/30/99

Lab #: Method Blank

Client ID:

Date Reported: 8/2/99

Date Received: 7/30/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5]	. 5	Tetrachloroethene	ND	5	5
cis-1.3-Dichloropropene	ND	5	5	Taluene	ND	5]	5
trans-1,3-Dichloropropene	ND			1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	- 5	5	1,2,4-Trichlorobeozene	ND.	上 引	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropage	מא	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
ifexachlorobutadiene	ND	5	5	1,1,2-Trichloroethane	םא[5	5
2-Hexanone	ND	20	20	Trichloroethene	ND	.L. 5	. 5
lodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1.2.4-Trimelhylbenzene	ND	5	5
p-1sopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	<u> </u>
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methocrylate	מא	5	5	Vinyl Chloride	ND	. 5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND						
Methylene Chloride	ND	5	5				
Naphtheiene	ND		5				
Pentachloroethane	ND	5	5			-	
2-Picoline	ND	5	5			1 "	
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5			Ī —	
1.1.1.2-Tetrachloroethane	ND	5	5			T	
1.1,2.2-Tetrachioroethane	ND	5	5				

Бштоgate	Recovery (%)	 Results are reported in ug/kg (ppb).
Dibromofluoromethane	110	2 дн.R= DF x РQ1.
Toluene-d8	106	3 Analysis performed by Entech Analytical Labs Tec

Toluene-d8 106 3. Analysis performed by Entech Analytical Labs, Inc. 4-Bromofluorobenzene 102 (CAELAP #J-2346)

Michelle L. Anderson, Lab Director

ND None Detected at its above DLR DLR Detection Reporting Limit PQL: Precional Quantituson Limit

Volatile Organic Compounds Matrix Spike and Matrix Spike Duplicate

 QC Batch #: SGCM599726
 Date analyzed: 07/26/99

 Matrix: Soil
 Spiked Sample: 15496-001

Units, µg/kg

Offic	. MR/KE				_	_				
PARAMETER	Method #	SA µg/kg	STA	92 ga/gu	SP %R	SPD µg/kg	5PD % K	RPD	Q RPD	C LIMITS %R
1,1-Dichloroethene	8240/8260	25	ND	Z8	113	\$1	122	7.8	25	50-150
Benzere	8240/8260	25	ND	30	120	32	126	4.5	25	50-150
Trachlorgethene	\$240/8260	25	ND	31	125	33	131	44	25	50-150
Toluene	8240/8260	25	ND	30	120	31	126	46	25	50-150
Chlorobenzene	8240/8260	25	ΝĐ	31	122	31	125	2.3	25	50-150
Surrogales										
Dibromo/Juoromethuse	8240/8260		143%	146%		15 6%	:			65-135
MTBE-43	8240/8260		142%	143%	:	159%				6 5-135
Toluene -d8	8240/8260		111%	106%		108%				65-135
4-Bromoliuorobenzene	8240/8260		95%	97%		96%				65-135

High Surrogate Recoveries Due to Matrix Interferences.

Calculated Recoveries Outside of Recovery Limits:

Definition of Terms.

na Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result SP (%R): Spike % Recovery

SPO: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Volatile Organic Compounds Laboratory Control Sample

QC Batch #: SGCMS990726

Marrix: Soil

Linits: PR/KR

Date analyzed: 07/26/99

Spiked Sample: Blank Spike

Olita PB-s										
PARAMETER	Method #	SA µg/kg	S#R	SP µg/kg	92	SPD µg/kg	SPD %R	RPD	Q RPD	C LIMITS
1.1-Drahloroethene	82 40/ 8 260	25	מא :	25	98	22	87	12.1	25	70-130
Benzene	8240/8260	25	ND	27	105	28	110	l. 8	25	70-130
Trichlorocthene	8240/8260	25	ND	27	110	28	111	L.I	25	70-130
Tolume	8240/8260	25	ND	27	109	29	114	4.3	23	70-130
Chlorobenzerse	8240/8260	25	ND	26	106	29	114	7.7	25	70-130
Surrogenes										
Dibromofluoromethane	\$240/8260		114%	111%		106%				65-135
MTBE-43	8240/8260		92%	82%		101%				65-135
Toluenc -d8	8240/8260		101%	101%		1119%				65-135
4-Bromofluorobenzene	8240/8260		91%	91%		101%				65-135

Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Dupticate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Laboratory Control Spikes

QC Baich #: DS990714							Date a		07/27/99		
Matrix	Soil							Date e	07/27/99		
Units.	mg/Kg		Quality Control Sample:					Blank Spike			
PARAMETER	i l	ı	SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD Img/Kg	SPD %R	QC LIMITS RPD %R		
Diesel	BOISM	<1.0	25	ND	21	85	21	84	1.2	25	44-120

Hezocasane 124% 126% 126% 65-135

Definition of Terms:

MB Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spikes

QC Batch #: DS#90714 Date analyzed: 07.28/99
Matrix: Soal Date extracted: 07/28/99
Units: me/Ke Onelin: Control Semale: 15453-504

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ALICO MINETER						Quality.	y Conda	Sauthie.		15451-006
PARAMET	ER Method #		SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD mg/Kg	SPD %R	RPD	Q APD	CLIMITS %R
Diesel	8015M	<1.0	25	ΝĐ	21	82	20	9.0	3.0	25	45-119

Calculated Recovery Outside of Control Limits:

Herocorane 123% 119% 121% 65-135

#### Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%) Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

NC. Not Calculated

# Applied P & Ch Laboratory

13700 Magaclia Ave. Chino CA 81710

Tel: (909) \$90-1928 Fex: (909) 590-1494

Submitted to

Entech Analytical Labs, Inc.

Attention: Allan Aks 525 Del Rey, Suite E

Sunnyvale CA 94086

Tel: (408)735-1550 Fax: (408)735-1654

# APCL Analytical Report

Service ID #. 801-995060

Collected by:

Collected on: 07/27/99

Received (17/30/99

Extracted: 07/30/99 Tested: 07/31-08/02/99

Reported: 08/04/99

Sample Description: Soil

Project Description Dames & Moore

# Analysis of Soil Samples

_				Analys	as Result
Сотролем Арајухед	Merpod	Unst	PQL	15496-001 99-05060-1	15495-002 99-45050-2
Semi-VOC, 84 Compounds					_
Dilution Factor				1	1
Acenaphthene	5270	μg/kg	500	нц	MD
Acenaphthylene	52 <b>7</b> 0	μg/kg	500	טא	КD
Anthracege	52 <b>1</b> 0	μβ/kg	500	KD.	טא
Benz(a) anthracene	8270	μg/kg	500	ак	טפ
Henza(a)pyrene	8270	μB/kg	500	ак	80
Benzo(b)fluoranthene	8270	uR/kg	500	QK	ND
Henzo(g.b,1)perylene	8270	ur/kg	500	ND	ND
Benzo(k)Buoranthene	6270	uz/kg	500	ND	ND
Bis(2-chloroethoxy) methane	8270	μg/kg	500	ND:	MD.
Bis(2-chloroethyl) rther	827a	μg/kg	500	KU	ND.
Bis(2-chlorosopropyl) ether	8270	μg/kg	500	טת	HD
Bis(Z-ethylhosyl) plothalate	827O	uR/kz	500	90	ax
4. Bromophenyl phenyl ether	8270	μR/kg	500	מא	ak
Butyl Bensyl Phthalate (BRP)	8270	"g/kg	500	ДИ	ND
4-Chloro-3-methylphenol	8270	"R/ka	1000	ΔM	ND
4-Chloroanillane	8270	48/4g	1000	ΔM	ND
2-Chloroosphthalene	8270	#R/4R	500	מא	ND
2-Chlarophenol	827G	MR/XR	500	ND	N ₂
4-Oblosophenyl phenyl caher	8270	ar/kg	500	ND	ND.
Chrysene	8270	"R/kg	500	ND	CM
Dun-bodyl phthalate (DBP)	8270	as/kg	500	ND	NU
Disnoctyl phtbalate (DOP)	8270	mg/kg	500	ND	KÜ
Dibenz(n.h)anthracene	8270	mg/kg	500	ND	ьĎ
Dibensofuran	8270	μg/kg	500	NO.	KU
1,2 Dichlorobenzene	2270	eg/kg	500	ND	MEI.
1.3-Dichkgobenzene	6270	μ <b>ε/kg</b>	500	NC:	90
1.4 Dichlotobenzene	8270	ug/kg	500	NO	NO
3.3 Dichlorobrazidine	8270	ug/kg	1000	NU	86
2,4 Dichlorophenol	8270	μg/kg	500	NΠ	ND
Diethyl phabalate (DEP)	K27D	μg/kg	500	ND-	ND
Dimethyl phthalate (DMP)	62 JD	μg/kg	500	КD	80
2.4-Dimethylphenol	6270	μg/kg	500	FD	ΝЪ
4.6-Dinttro 2-methylphenol	8270	"R/kg	2500	KU	ND
2.4-Dinstrophenol	8270	MR/kg.	2500	яb	No
2.4-Dinitrotoluene	8270	MR/KR	500	ND	KD
2.6-Diaitrotolucne	8270	us/An	500	ЗD	KU
Fluoranthene	827D	JE/KR	500	ND	яD
Fluorene	8,270	uR/¥R	500	ND	90

CADHS FLAP No.: 1431

# Applied P & Ch Laboratory

13100 Magacille Ave. Chino CA 91110

## Tel: (809) 580-1534 Fax: (909) 590-1498

# **APCL Analytical Report**

Camponent Analyzed	Method	Timit	PQ1	Analys 15496-001	as Regult 15496-002
				99-05060-1	99-05060-2
Hexachlorobenzene	8270	μ6/ <b>k</b> 8	500	нD	טא
Hexachlorobusadiene	8270	μg/kg	500	MD	ND
Hexachlorocyclopentadiene	8270	μg/kg	51ID	KD.	NO
Hexachloroethane	8270	µg/kg	596	HD.	MC
Indeno(1,2.3-ed)pyrene	8270	μg/kg	500	40	925
Loupharone	8270	μg/kg	506	ИÜ	SC
2-Methylpaphthalene	8270	μβ/kg	500	ND	NO
3/4-Methylphenol (m/p-Cresal)	8270	_g/kg	500	ND	SII
2-Methylphenol (o-Cresol)	8270	"g/kg	500	ND	ND
Naphthalene	8270	μR/¥B	500	ND	ND
2-Nitroandine	8270	⊌g/kg	2500	NED	NP
3-Nitroambee	8270	us/kg	2500	ķр	dly.
4-Nitroandine	8270	ug/kg	2500	KD	ND UN
Nitrobenzene	8270	8/ <b>k</b> 8 د	500	KC.	MD
2-Nitropheaol	8270	μg/kg	500	KD.	MEX
4- Nitrophenol	8270	ue/ka	2500	HO	8721
N-Nitroso-di-a-propylamine	8270	48/MR	500	AD.	NL:
N-Nitrosodiphenylamine	8270	ng/kg	500	ΧU	an.
Pentachlorophenol (PCP)	8270	μ <b>a</b> /kg	2500	ND	80
Phenantherne	8270	μ6/kg	500	90	ND
l'benoj	8270	μg/kg	500	ND	עא
Pyrene	8270	μg/kg	500	NO:	ND
1.2,4-Trichlorobenzene	8270	μg/kg	500	H.C.	NZ)
2.4.5 Trichtarophenol	9270	μg/ <b>k</b> g	500	K0	ND.
2.4.6 Tuchlarophenol	8270	μg/kg	500	K0	KD.
rgenochlorson passicides		PDD			
Dilution Factor				ì	i
Aldrin	5168 \$	μg/Ag	ι	6D	нр
3-BHC	808 t	pe/ka	ι	ND.	s n
a-BRC	8081	μg/kg	1	жп	40
δ-BHC	308L	µB/kg	1	яр	ΝÜ
γ-BHC (Lindape)	8081	µB/MB	1	АÞ	ND
O-Chlordane	8081	µg/kg	1	AD.	ND
7-Chlordane	8081	µB/kg	1	90	ND
4.4'-DDD	1808	µg/kg	2	иD	ND
4.4'-DDE	8081	µg/kg	2	סא	ND
4.45 DDT	8081	AR/AR	2	AM.	ND
Dieldein	8081	un/kn	2	טא	NEX
Endosulfan	8081	μg/kg	1	MD.	ND
Endosulfan []	edel	μ <b>x</b> /kg	2	ND	KD.
Endoxulfali sulfate	6061	μ#/kg	5	ND	NO
Radria	8081	#\$/ <b>be</b>	2	ND	NO
Endrin aldehyde	AUA]	μ <b>g</b> /kg	2	ND	MD.
Endrin ketone	AOA]	μg/kg	2	ND	MO.
Beprachlor	8081	µ6/kg	1	ND	KD
Beprachlor epoxade	6083	μg/kg	1	MD	но
Methoxychlor	8081	#6/#8	16	ND.	×u
Texaphelic	нон1	AB/RB	100	טוע	SD

#### Entech Analytical Labs, inc.

#### QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spikes METHOD: EPA 6010

QC Batch #: SM990730 Matrix: Solid

Digestion Method: EPA 3050 Spiked Sample, Blank Spike

Date Analyzed: 07/29/99 Date Digested: 07/29/99

Linus: mg/kg Spiked Sample. Blank Spike											
PARAMETER	Method #	MB mg/kg	5A mg/kg	SR mg⁄kg	SP mg/kg	SP %R	SPD mg/kg	SPD %R	RPD	RPD (	C LIMITS
Antimony	60lo :	<1.0	50.	That	D-B	DB	ពន	па	คล	25.0	75-125
Arsenic	6010	<1.0	30.	0.0	45.	89	47.	94	4,5	25.0	75-125
Barium	6010	<1.0	50	па	De	na	па	1/m	nă.	25.0	75-123
Beryllium	6010	< 1.6	50.	DB	D-B	na	ηа	π±	<b>na</b>	25.0	75-125
Cadmium	6010	<1.0	50.	0.0	42.	<b>5</b> 3	43.	86	3.5	25.0	75-125
Chromaum	6010	<1.0	50	0.0	45.	91	45.	91	D.2	25.0	75-125
Cobal1	6010	<1.0	50.	na	na.	па	па	n.a	n <b>a</b>	25.0	75-125
Copper	6010	<1.0	50.	0.0	46.	91	46.	92	0.6	25.0	75-125
Lead	6010	<1.D	50.	0.0	44.	85	44.	88	0.0	25.0	75-125
Molybdenum	6010	<1.0	50.	na	na	na	Пa	n-a	па	25.0	75-125
Nickel	6010	<1.0	50.	0.0	45.	89	45.	91	1.6	25.0	75-135
Selenium	601D	<1.D	50.	па	na	11-2	п.я	па	nà	25.0	75-125
Silver	<b>60</b> 10	<1.0	SD.	na	па	ла	па	ГEД	na	25.D	75-125
Thallium	6010	<1.0	50.	Пa	пэ	П-Э	т.р	n.a	na	25.0	75-125
Vanadium	6010	<1.0	50	ла	n.	nuði	n.a	n.a	n2	25.0	75-125
Zinc	6010	<4.0	50.	0.0	43.	85	44.	87	2.2	25.0	75-125

#### Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spake Duplicate % Recovery

#### QUALITY CONTROL RESULTS SUMMARY

#### METHOD: Gas Chromatography Matrix Spike and Matrix Spike Duplicate

QC Batch #: GBG1990729

Date Analyzed: 97/29/99

Matrix: Soil

Quality Control Sample: 15483-001

Units Hg/kg

				_							
PARAMETER	Method #	MВ цg⁄kg	SA MK/KB	SR μg/kg	SP µg/kg	SP % R	SPD µg⁄¥g	SPD %R	RPD	QX RPD	CLIMITS %R
Benzene	8020	<5.0	22.5	ND	15	67	15	67	0.0	25	70-13 <b>0</b>
Toluene	8020	<5.0	125	ND	130	104	135	108	3.8	25	70-130
Ethyl Benzene	8020	<5.0	25.0	ND	25	100	30	120	18.2	25	70-130
Xylenes	8020	<5.0	125	ND	140	112	150	120	6.9	25	70-130
Gasoline	8015	<1000	2500	ND	2325	93	2 <b>38</b> 0	95	2.3	25	75-125
ana-TFT(S.S.)+PID	8020		•	101%	116%		115%				65-135
ouo-TFT(\$\$)-FID	8015			104%	112%		109%				65-135

#### Calculated Recoveries Outside of Control Limits:

Bentene

#### Definition of Terms:

na: Not Analyzed in QC batch

MB. Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result
SP (%R). Spike % Recovery
SPD: Spike Duplicate Result
SPD (%R): Spike % Recovery

NC: Not Calculated

# Entech Analytical Labs, Inc.

CA ELAP # 1-2346

525 Del Rey Avenue, Suite E, Sunnyvale, CA 94086

(408) 735-1550

FAX (408) 735-1554

# Subcontract Chain of Custody

		rojaci Name MeM Consulti	ng Engineers	Date Seni 07/20/99		Dax Dax 08/02/99 BY 9AM		
S <del>ample</del> Number	Customer Sample Number	Matrix	ſer:	Method.	Coffeet	Collect Teme	Bettle Type	Preservative
15496-001	Fi&-J	Soit	EPA KORI/\$082-APCL	EPA 8081	7/27/99	II.30 AM	4 OZ JAR	40
15496-001	FiO-J	Snil	EPA 8150-APCL	EPA \$150	7/21/99	11:30 AV	4 07 JAR	40
15496-001	FiP-1	Soil	EPA 8270-APCL	EPA \$270	7/27/99	11:30 AV	4 OZ JAR	4.0
15496-002	FiD-2	Soil	EPA 8081/8082-APCL	EPA 2081			4 OZ JAR	4 C
15496-002	Fill-2	Soil	EPA 8150-APCL	EPA \$150			4 OZ JAR	4 C
15496-002	Fill-2	Soil	RPA 8270-APCL	EPA \$270			4 OZ JAR	4.0

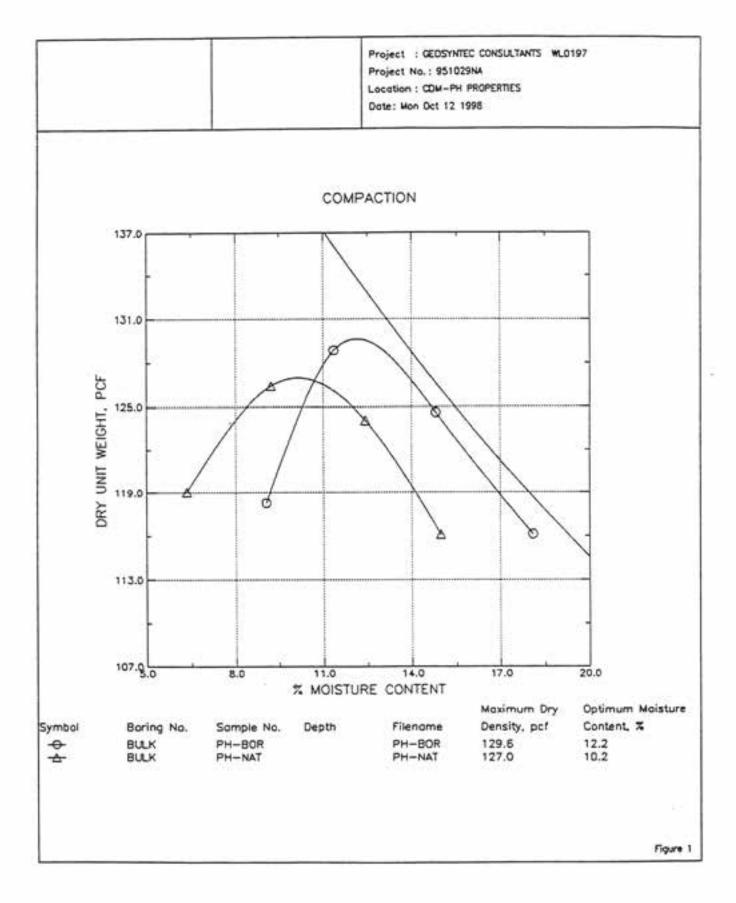
6000

Relunquished By:	Received By	Desc	Tame
ughazo un cal	Onemight	7/29/99	Gar
Relinquished By	Received By		J _I mac
	Smell Brews	7.30.99	9:00
Relinquished By	Received By	Daze	Time.
 		:	 

Notes:

# Attachment A

Source Material Compaction, Grain Size Distribution, and Atterberg Results



Boring No. : BULK

Sample No. : PH-BULK-3

Tested by : C. WASON

Filename : PH-BUK3

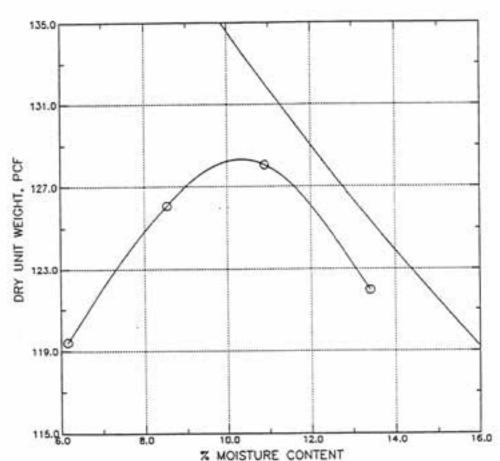
Project : GEOSYNTEC CONSULTANTS WL0197

Project No.: 951029NA

Location : CDM-PH PROPERTIES

Date: Thu Oct 29 1998





Sample Description

: BROWN GRAVELLY CLAYEY SAND

Compoction Test Designation

: ASTM D1557-C

Maximum Dry Density

: 128.3 PCF

Optimum Moisture Content

: 10.3 %

Figure 1

Mon Oct 12 08:53:42 1998

Page : 1

#### GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Filename : PH-NAT Elevation:

Boring No. : BULK

Test Date : 10/09/98

Tested by : J. MEBEL Checked by : S. CAPPS

Sample No. : PH-NAT

Location : COM-PH PROPERTIES

Test Method : ASTM D1557-C

Soil Description : REDDISH BROWN CLAYEY SAND WITH GRAVEL (SC)

COMPACTION TEST

Mold ID : Method Used : ASTM D1557-C

Volume of Mold : 0.07489 ft'3

Mass of Mold : 2727.7 gm

Specific Gravity: 2.75

Moisture Content ID	Mass of Container (gm)	Mass of Container + Moist Soil (gm)	Mass of Container • Dry Soil (gm)	Mass of Hold • Specimen (gm)	Hoisture Content (%)	Dry Density (pcf)
	**********			********		
	0.00	4295,90	4039.80	7028.00	6.3	119.0
	0.00	4679.30	4284.00	7418.40	9.2	126.4
	0.00	4731.40	4208.30	7465.00	12.4	124.0
	0.00	4528.50	3939.10	7261.80	15.0	116.1

Optimum Dry Density = 127.0 pcf Optimum Moisture Content = 10.1 %

Mon Oct 12 08:47:17 1998

Page : 1

#### GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Filename : PH-BOR Elevation:

Boring No. : BULK

Test Date : 10/09/98

Tested by : J. MEBEL

Sample No. : PH-BOR

Test Method : ASTM D1557-C

Checked by : S. CAPPS

Location : CDM-PH PROPERTIES

Soil Description : GRAYISH BROWN CLAYEY SAND WITH GRAVEL (SC)

Remarks :

#### COMPACTION TEST

Mold ID I

Method Used : ASTM D1557-C

Volume of Mold : 0.07489 ft'3

Mass of Mold : 2727.7 gm

Specific Gravity: 2.9

Moisture Content ID	Mass of Container (gm)	10000	of Container	Hass of Container + Dry Soil (gm)	Mass of Mold + Specimen (gm)	Moisture Content (%)	Dry Density (pcf)
					********	******	*******
	0.00		4316.90	3958.30	7110.00	9.1	118.3
	0.00	100	4866.40	4369.60	7602.70	11.4	128.9
	0.00		4852.20	4226.50	7585.90	14.8	124.6
	0.00		4653.50	3941.00	7385.30	18.1	116.1

Optimum Dry Density = 129.6 pcf Optimum Moisture Content = 12.1 %

Filename : PH-BULK3

Tested by : C. WASON

Checked by : S. CAPPS

Elevation :

Thu Oct 29 13:14:00 1998

Page: 1

#### GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Boring No. : BULK

Sample No. : PH-BULK-3

Location : CDM-PH PROPERTIES

Soil Description : BROWN GRAVELLY CLAYEY SAND

Remarks :

#### COMPACTION TEST

Test Method : ASTM D1557-C

Test Date : 10/28/98

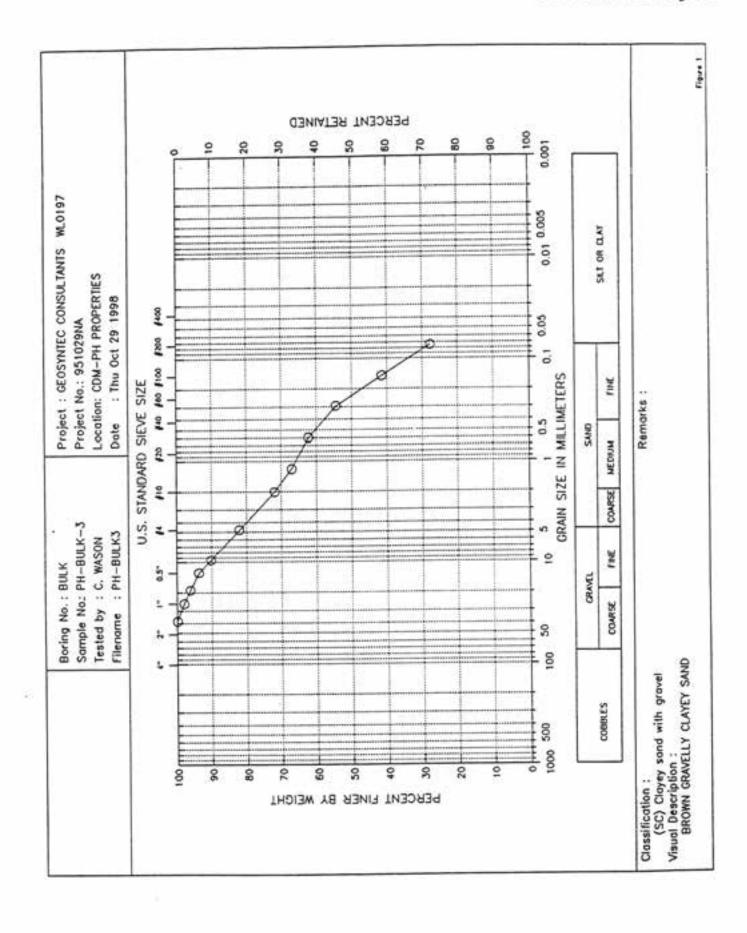
Mold ID : 6-2 Method Used : ASTM D1557-C Volume of Mold : 0.07489 ft"3

Mass of Hold : 2727.7 gm

Specific Gravity : 2.75

Moisture Content ID	Mass of Container (gm)	Mass of Container + Moist Soil (gm)	Mass of Container • Dry Soil (gm)	Mass of Mold • Specimen (gm)	Moisture Content (%)	Dry Density (PCF)
	4.0		**************	********	*******	
		4302.70	4053.30	7034.00	6.2	119.4
	0.00		4263.00	7376.90	8.5	126.1
	0.00	4627.00	77777111		10.9	128.1
	0.00	4816.30	4342.90	7552.00	11.3330.00	0.000.004
	0.00	4694.40	4139.70	7425.60	13.4	122.0

Optimum Dry Density = 128.3 PCF Optimum Hoisture Content = 10.3 %



Fri Oct 09 09:43:56 1998

Page : 1

#### GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Elevation :

Filename : PH-BOR

Boring No. : BULK

Test Date : 10/08/98

Tested by : J.H./R.T. Checked by : S. CAPPS

Test Hethod : ASTM D422/4318

Sample No. : PH-BOR Location : CDM-PH PROPERTIES

Soil Description : GRAYISH BROWN CLAYEY SAND WITH GRAVEL (SC)

Remarks :

		COA	RSE SIEVE SET		02403377975
Sieve	Sieve O		Weight	Cumulative	Percent
Mesh	Inches	Millimeters	Retained (gm)	Weight Retained (gm)	Finer (%)
********	*****	********	*******	**********	******
1.5*	1,500	38.10	0.00	0.00	100
1"	1.012	25.70	100.36	100.36	95
0.75*	0.748	19.00	79.33	179.69	90
0.5=	0.500	12.70	183.21	362.90	80
0.375"	0.374	9.51	104.70	467.60	74
44	0.187	4.75	225.40	693.00	62
#10	0.079	2.00	283.20	976.20	47
#16	0.047	1.19	129.00	1105.20	39
#30	0.023	0.60	120.20	1225.40	33
W50	0.012	0.30	109.30	1334.70	27
#100	0.006	0.15	90.60	1425.30	22
#200	0.003	0.07	77.00	1502.30	18

Total Dry Weight of Sample = 1826.2

D85 : 15.4441 mm D60 : 4.2362 mm 050 : 2.4251 mm D30 : 0.4236 mm D15 : N/A

D10 : N/A

Soil Classification

ASTM Group Symbol : SC ASTM Group Name : Clayey sand with gravel AASMTO Group Symbol : A-2-7(2)

AASHTO Group Name : Clayey Gravel and Sand

Thu Oct 29 15:52:02 1998

Page: 1

#### GEOTECHNICAL LABORATORY TEST DATA

Test Method : ASTM D422/4318

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Filename: PH-BULK3

Elevation:

Boring No. : BULK

Test Date : 10/28/98

Tested by : C. WASON

Sample No. : PH-BULK-3

Location : CDM-PH PROPERTIES

Checked by : S. CAPPS

Soil Description : BROWN GRAVELLY CLAYEY SAND

Remarks :

COARSE SIEVE SET

		CON	war attached		
Sieve	Sieve O	penings	Weight	Cumulative	Percent
Mesh	Inches	Millimeters	Retained (gm)	Weight Retained (gm)	Finer (%)
******		*********	*******	***************************************	
1.5*	1.500	38.10	0.00	0.00	100
1"	1.012	25.70	27.92	27.92	98
0.75"	0.748	19.00	25.59	53.51	96
0.5"	0.500	12.70	34.84	88.35	94
0.375*	0.374	9.51	51.27	139.62	90
84	0.187	4.75	115.48	255.10	82
#10	0.079	2.00	145.90	401.00	72
#16	0.047	1.19	70.60	471.60	67
#30	0.023	0.60	68.60	540.20	62
#50	0.012	0.30	109,90	650.10	55
#100	0.006	0.15	186.50	836.60	41
#200	0.003	0.07	196.20	1032.80	28

Total Dry Weight of Sample = 1429.46

D85 : 6.0660 mm

060 : 0.4864 mm

D50 : 0.2328 mm

030 : 0.0830 mm

D15 : N/A

010 : N/A

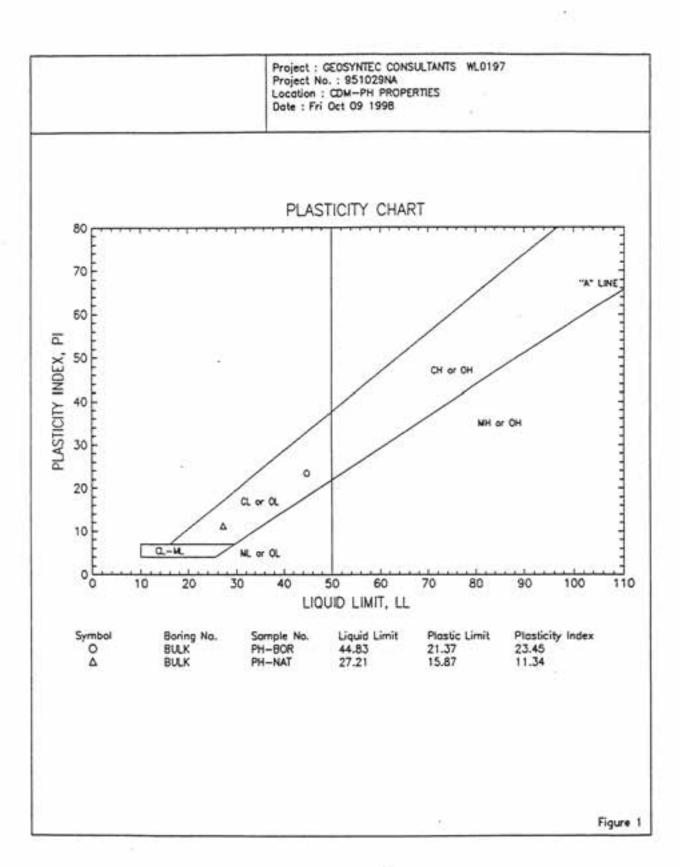
Soil Classification

ASTH Group Symbol : SC

ASTM Group Name : Clayey sand with gravel

AASHTO Group Symbol : A-2-4(0)

AASHTO Group Name : Silty Gravel and Sand



#### ATTERBERG LIMITS

PROJECT DEOSYNTEC CONSULTANTS WL0197	PROJECT N 951029NA	UMBER	J.H./R.T.	BORING N BULK	UNBER
LOCATION COM-PH PROPERTIES	' -		CHECKED BY S. CAPPS	SAMPLE N PH-NAT	UMBER
SAMPLE DESCRIPTION REDOISH BROWN CLAYEY SAND WITH CRAVEL (SC	2)		DATE Fri Oct 09 1998	FLENAME PH-NAT	
	LIQUID LIMIT	DETERMINAT	ONS	- 7	G
CONTAINER NUMBER	α	88	80		
WT. WET SOIL + TARE	26.4	28.22	26.12		
WT. DRY SOIL + TARE	23.12	24.56	22.77		
WT. WATER	3.28	3.66	3.35		
TARE WT.	10.61	11.17	10.9		
WT. DRY SOIL	12.51	13.39	11.87		
WATER CONTENT, W. (%)	25.22	27.33	28.22		
NUMBER OF BLOWS, N	32	26	18		
ONE-POINT LIQUID LIMIT, LL	27.01	27.45	27.12		
	PLASTIC LIMIT	DETERMINA	TIONS		
CONTAINER NUMBER	23				
WT. WET SOIL + TARE	34				
WT. DRY SOL + TARE	31.48				
WT. WATER	2.52				
TARE WT.	15.6				
WT. DRY SOIL	15.88				
WATER CONTENT (%)	15.87				
			Silvings	OF RESULTS	
FLOW CUR	VE	NATI	JRAL WATER CONTENT,		
34.0			ID LINIT, LL	w (/w)	27.2
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PROPERTIES			CHECKED BY S. CAPPS	SAMPLE NO PH-BOR	MBER
DESCRIPTION BROWN CLAYEY SAND WITH GRAVEL (SI	c)		DATE Fri Oct 09 1998	FLENAME PH-BOR	
	LIQUID LIMIT	DETERMINATIO	NS		
NER MUNBER	3	2	21	II	
T SOIL + TARE	27.6	26.96	27.7		
Y SOIL + TARE	22.54	22.21	22.55		
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Y SOIL	11.65	10.56	11,1		
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SAMPLE DESCRIPTION BROWN GRAVELLY CLAYEY SAND			DATE Thu Oct 29 1998	FLENAME PH-BULK	
	LIQUED LIMIT	DETERMINATION	NS		
CONTAINER MUNBER	00	12	-	78	
WT. WET SOL + TARE	25.02	25.25	25.27	25.12	
WT. DRY SOIL + TARE	21,95	22.14	22.13	21.86	
WT. WATER	3.07	3.11	3.14	3.26	
TARE WT.	10.69	10.95	11,11	10.79	
WT. DRY SOIL	11.26	11,18	11.02	11.07	
WATER CONTENT, W. (%)	27.26	27.82	28.49	29.45	
NUMBER OF BLOWS, N	32	27	23	17	
ONE-POINT LIQUID LIMIT, LL	28.09	28.08	28.21	28.11	
	PLASTIC LIM	T DETERMINATIO	INS		
CONTAINER NUMBER	48				
WT. WET SOIL + TARE	27.54				
WT. DRY SOL + TARE	25.62				
WT. WATER	1.92				
TARE WT.	16	-			
WT. DRY SOIL	9.62				
WATER CONTENT (%)	19.96				
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Attachment B

Compaction Testing Results, Existing Fill



# GEOSYNTEC CONSULTANTS

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OCATION: Cupertine, CA PROJECT NO.: DOTAL DESCRIPTION: Exactly Bockfill CONTRACTOR:  DESCRIPTION: Exactly Bockfill CONTRACTOR:  DATE: 6 Day Nov Month 98 Ye  WEATHER: Overcost & Cool; ~60°F  DB45 · Arrived site.  Met Contractor - Clarence Clasuar (Performance Excounters)  He said he is having lifticulties getting fill materials. They had
DAY OF WEEK: Friday DATE: Day Day WEATHER: Diesent i Col; ~60'F  D845 · Arrived site.  Met Contractor - Clarence Claver (Performance Excounters)  He said he is having liffculties getting fill materials. They had
10845 - Arrived site.  Met Contractor - Clarence Cleaver (Perturnance Excounters)  He said he is having lifticulties getting fill materials. They had
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Optimum Moisture	%0/	%.0/	%01 %.01	%0/	10%	10%	%01	10.01	19,01 9,01 9,01 9,01	%01	10%	%01
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% Moisture	13.9	1.0/	/3.0	19.1	1.3	1.01	1.1	11.5	11.7	11.3	12.3	100
% Rel. Comp.	90	93.8	93.8 87.3	93.8		946		1.16	98.5	97.1	93	93.5
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Test No.	25	56	27	28	50	30	31	32	33	34	35	36
Location	M-24	11/2S	De-MC	E-MO	DW-28	PK-29	DW.3	Jet M	CENT.	DM-33	DNISH	DM-38
Optimum Moisture	" 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	%01	%01	%0/	%01	10%	10%	10%	10%	10%	100	10%
Maximum Density	134	134	150	法	あ	/34	134	134	134	134	134	134
% Moisture	1/9	1.7	11.9	J. 2	1.5	12.7	12.3	1.0/	14.4	1/.8	12.1	120
% Rel. Comp.	945	96.9	95	96.3	345	92	46	46	9.06	945	93.8	91.2
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Test No.	37	38	39	40	14	42	43	42 43 44	45	84 46 44 48	47	85
Location	DW-36	DW-3	DM-38	121-39	DH-HO	JA-MC	Ch-1/2	X1-43	DMY	124-42	24.4C	DAY47
Optimum Moisture	%9/	9,01 7,01 9,01 9,01 9,01 9,01 9,01 9,01 9,01 9	%0	10%	%0/	10%	10%	10,0	10%	10%	10%	10%
Maximum Density	134	134	134	134	134	134	13	134	134	134	134	134
% Moisture	11.9	13.2	12.7	13	14	13.2	1.7	10.6	8.0/	11.3	11.5	11.7
% Rel. Comp.	de	903	93.3	93	40.4	93.2	8.96	8.76	93.2	6.96	95	4
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Location	DM-48	6h-MQ	DM-SI	15-110	DW-52	JM-53	1343	DW 55	25/1/2	DM-57	DW-578	DNS
Optimum Moisture		%01	%01	10%	%01	10%	10%	%01	2%	10%	% 0	10%
Maximum Density	134	134	134	134	134	1/3/	134	134	150	134	134	134
% Moisture	12.1	Ó	12.3	11.4	11.9	13.3	1.0	11.7	6	12.6	B	/3
% Rel. Comp.	26	98.5	92.3	4.79	95.1	93.2	94.5	96.2	93	83	93.2	91.2
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# McDonald Dorsa Restoration Summary of Moisture and Relative Compaction Results

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Test No.	19	62	63	64	65	00	67	89	00	2	14	72
Location	DW 59	DW-66	N-MO	DW-62	046	49-110	04-65	74-66	14-67	DV-8	MG	DM-72
Optimum Moisture	%.01	%.0/	%0/	%01	1,01	10%	1.01 201 201 201 201 201 201 101 101 101 1	10%	10%	10%	620	%,0
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% Moisture	7	11.4	1.7	12	4.01	9	1.7	10.7	0/	10.9	/3	11.2
% Rel. Comp.	93	4.76	94.2	93.2	90.3	8.%	93.5	46	95.7	1:16	93	46
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McDonald Dorsa Restoration
Summary of Moisture and Relative Compaction Results

Date	7/28	PC/4 BC/4 85/4	6¢/±	1/29	80/2 60/2 60/2	1/29		
Test No.	43	44	75	76	77	78		
Location	24-71 24-73 CM-73 CM-73 CM-73 CM-73	74-72	D#73	N4-74	DM-75	24.40	2.	
Optimum Moisture		2%	2%	2%	8% 8% 8%	2%		
Maximum Density	134	150	150	150	05/ 05/ 05/ 05/ 05/	051		
% Moisture	10.51	10.51 6.71	70%	6.9%	6.2%	1.5.9 92.9		
% Rel. Comp.	1,20	96 %Eb %tb	9.96	% 953%	W. T. S	16.18 45.8%		

Mr. Mohammad A. Janjua, R.E.A., M.S. Hazardous Materials Specialist Santa Clara County Department of Environmental Health 2220 Moorpark Avenue, Room 204, East Wing San Jose, California 95128-2690

Subject: Final Removal Action Report

PH Property Development Company Site Stevens Canyon Road near Ricardo Road

Cupertino, California

Dear Mr. Janjua:

Camp Dresser & McKee Inc. (CDM), on behalf of the City of Cupertino (City), has completed debris excavation and confirmatory soil sampling activities at the PH Property Development Company (PH Property) Site (Site), as described in the August 24, 1998, *Removal Action Workplan*, and the November 18, 1998, *Workplan Addendum* #1. This report presents the results of debris excavation and sampling activities performed near Stevens Canyon Road and a private driveway, at the northwest end of the excavation area.

In a meeting held on March 17, 1999, the Santa Clara County Department of Environmental Health (SCCDEH) identified two additional tasks which would need to be completed prior to project closure, following the initial phase of excavation and confirmatory sampling activities. These two tasks included: the submittal of a groundwater summary of findings to the California Regional Water Quality Control Board (CRWQCB), and the removal of fill located in the northwest end of the excavation. A *Summary of Findings* letter report was submitted by the City to CRWQCB on May 5, 1999. The response letter from CRWQCB, dated May 20, 1999, stated that a groundwater investigation is not warranted at the Site following the removal of the remaining fill (see Attachment A).

Removal of the remaining fill was performed in conjunction with Site restoration activities, as approved by SCCDEH in a December 23, 1998 letter to CDM. Based on the information provided in the *Request for Approval to Initiate Site Restoration Activities*, dated December 17, 1998, the *Summary of Findings*, dated May 5, 1999, and the supplemental information provided in this report, CDM requests written concurrence from SCCDEH that no further action is required by the City or any other party at the Site.

Mr. Mohammad A. Janjua September 8, 1999 Page 2

#### Background

The Site is an undeveloped property located in a suburban area of the City of Cupertino on Stevens Canyon Road approximately 300 feet south of the intersection with Ricardo Road. Figure 1, Vicinity Map, shows the Site's location with respect to physiographic features. Low-density residential development exists to the north and east of the Site. Stevens Creek County Park lies to the South. To the west, a residential development is currently under construction.

The Site functioned as a disposal facility between the late 1960s and early 1970s for the City of Cupertino Public Works Department and other parties. The exact timing and duration of disposal operations are unknown. Research indicates that the Site was used primarily for the disposal of construction debris, street sweepings, and green wastes.

In September and October 1998, 25,045 tons of fill were excavated and transported to Chemical Waste Management Inc.'s Kettleman Hills Facility, Kettleman City, California, for disposal. This work was performed in general accordance with CDM's 1998 *Removal Action Workplan*. Confirmatory and background soil samples collected from 49 locations within the excavation (see Figure 2) and four locations outside of the excavation, respectively, identified one area at the northwest end of the excavation with detectable concentrations of pesticides, PAHs, and TPHs, and containing total lead concentrations in excess of background levels.

As discussed in a meeting held with SCCDEH on March 17, 1999, additional debris removal from the northwest end of the excavation (see Figure 2) and confirmatory soil sampling was required prior to the initiation of restoration activities in the area. On July 21, 1999, an additional 275 tons of fill were excavated from the northwest area. The material was removed from the excavation as far as the residential property line located north, and the Stevens Canyon Road right-of-way located west of the area, as depicted in Figure 3 and Photos 1 through 3. The material, consisting of soil, concrete, and gravel, was stockpiled on visqueen in the southeast corner of the site and off-loaded to the Kettleman Hills Facility on July 30, 1999.

## Confirmatory Soil Sampling

Following excavation activities, two confirmatory soil samples, PE-50 and PE-51, were collected by CDM from the bottom of the excavation at locations shown in Figure 3 and Photo 3. An on-site geologist, representing PH Property, confirmed the sampling locations and that both samples were collected from native material. The following analyses were performed on both samples:

Mr. Mohammad A. Janjua September 8, 1999 Page 3

- Lead (Method 6010)
- Volatile Organics (Method 8260)
- Total Petroleum Hydrocarbons (TPH) (Method 5030/8015M or 3550/8015M)
- Polynuclear Aromatic Hydrocarbons (Method 8270)
- Organochlorine Pesticides (Method 8080)
- Chlorinated Herbicides (Method 8150)
- Polychlorinated Biphenyls (Method 8080)

Soil sampling results are summarized in Table 1.

Table 1

SAMPLE IN	FORMATION	Total Petroleum Hydrocarbons as Diesel	Total Petroleum Hydrocarbons as Motor Oil	Lead (TTLC)
Laboratory D	etection Limit	1.0	1.0	1.0
Ur	nits	mg/kg	mg/kg	mg/kg
Sample Location	Date Sampled		Sample Results	
PE-50	7/21/99	1.1 X	ND	37
PE-51	7/21/99	1.4 X	14 X	22

Notes:

mg/kg = milligrams per kilogram

ND = not detected at concentrations greater than the laboratory reporting limit

X = chromatographic pattern not typical of hydrocarbon standard

Lead was detected at both PE-50 and PE-51 in concentrations of 37 milligrams per kilogram (mg/kg) and 22 mg/kg, respectively. Low levels of TPH as Diesel were detected at PE-50 (1.1 mg/kg) and PE-51 (1.4 mg/kg), with TPH as Motor Oil also detected in PE-51 (14 mg/kg). However, an evaluation of the chromatographic patterns for the TPH results indicates that the three detections are not representative of either motor oil or diesel signatures, suggesting possible matrix interferences. Neither sample contained detectable concentrations of volatile organics, TPH as gasoline, polynuclear aromatic hydrocarbons, organochlorine pesticides, chlorinated herbicides, or polychlorinated biphenyls.

It is CDM's opinion that the soil sample data previously presented in the abovementioned documents, the supplemental data presented in this report, and the field visual observations confirm that the non-native fill material was successfully removed and that no further action is required by the City or any other party at the Site. Mr. Mohammad A. Janjua September 8, 1999 Page 4

Your written concurrence on this matter is required in order to complete these Site activities. Please direct any letters, questions, or comments to CDM's office, or call me at (925) 933-2900.

Very truly yours,

CAMP DRESSER & McKEE INC.

Randall T. Smith, P.E. Project Director

William Brick Project Engineer

cc: Mr. Bert Viskovich, Cupertino Public Works Dept.

Mr. Jeffrey Harland, P.H. Property Development Company

Mr. John Janneck, Janneck, Ltd.

Mr. Ray Rice, Dames & Moore

W99/10886/004.doc

Mr. Stephen Morse California Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400 Oakland, California 94612

Subject: Summary of Findings

PH Property Development Company Site Stevens Canyon Road near Ricardo Road

Cupertino, California

Dear Mr. Morse:

This letter report summarizes field observations, confirmatory soil sampling results, and well search data associated with the removal of 25,045 tons of lead impacted fill from the PH Property Development Company Site, Cupertino, California (Site). Camp Dresser & McKee Inc. (CDM) prepared this report on behalf of the City of Cupertino (City), which is the responsible party for the remediation. The Santa Clara County Department of Environmental Health provided regulatory oversight for fill removal activities. Based on the findings contained in this report, we request your concurrence that a groundwater investigation is not warranted at the Site.

## Background

The Site is an undeveloped property located in a suburban area of the City of Cupertino. Figure 1, Vicinity Map, shows the Site's location with respect to physiographic features. Low-density residential development exists to the north and east of the Site. Stevens Creek County Park lies to the south. To the west, a residential development is currently under construction.

The Site functioned as a disposal facility between the late 1960s and early 1970s for the City of Cupertino Public Works Department and other parties. The exact timing and duration of disposal operations are unknown. Research indicates that the Site was used primarily for the disposal of construction debris, street sweepings, and green wastes.

In September and October 1998, 25,045 tons of fill were excavated and transported to Chemical Waste Management Inc.'s Kettleman Hills Facility, Kettleman City,

Mr. Stephen Morse May 5, 1999 Page 2

California for disposal. This work was performed in general accordance with CDM's August 24, 1998 *Removal Action Workplan*.

All fill excavation work is complete with the exception of approximately 100 cubic yards (cy) of fill near Stevens Canyon Road and a private driveway. The remaining fill area is shown on Figure 2, Post Excavation Contours and Confirmatory Sampling Locations; this fill will be excavated for off-site disposal during site restoration activities.

#### Field Observations

The following field observations are pertinent to a discussion of groundwater issues. Referenced photographs are provided in Appendix A.

#### Topography/Geology

Historic fill disposal operations consisted of placing imported material in a natural ravine. As indicated by post-excavation contours shown in Figure 2, fill removal operations recreated the original ravine (Photographs 1 and 2).

Bedrock was encountered along the sidewalls and floor of the excavation. Depth to bedrock varies between 15 and 25 feet below adjacent grade. As illustrated in Figure 3, Geologic Renderings, original topography resembles a sloping ravine.

Overburden soil generally consists of clayey sand with gravel. A sandy clay layer, approximately three feet thick, immediately overlies bedrock along the axis of the ravine.

No groundwater was encountered during excavation activities, which were performed in September and October 1998. A small amount of seepage, less than 0.3 gallons per minute (gpm), was observed entering the excavation near confirmatory sample DM-4 (see Figure 2) on April 26, 1999. The seepage appeared to be draining from overburden soil and flowed along the floor of the excavation.

#### Fill Materials

Excavated fill material primarily consisted of soil. Other fill materials included broken asphalt, tree stumps, woodcuttings, tires, lumber, scrap metal, and glass. There was no evidence of any bulk liquid disposal in the fill area.

#### Drainage Pipes

During fill excavation, an 18-inch diameter reinforced concrete drainage pipe (RCP) was encountered at the downgradient end of the fill area (Photograph 3 and Figure 4,

Mr. Stephen Morse May 5, 1999 Page 3

Fill Disposal Area Relative to Stevens Creek). The RCP was installed prior to fill operations to allow runoff traveling though the ravine to pass under an access road.

Anecdotal evidence suggests that fill operations began in the ravine near the RCP's inlet, reducing the drain's effectiveness. Runoff subsequently ponded within the fill area during the rainy season. To minimize ponding within the fill area, the City installed an 18-inch diameter corrugated metal pipe (CMP) drainage line to divert stormwater, originating off-site along Stevens Canyon Road, around the fill area.

As shown in Photographs 4 and 5, both drainage pipes discharge into the original ravine downgradient of the former disposal area. Run-off discharged from the RCP and CMP drainage lines travels 118 feet and 101 feet, respectively, through the original ravine until reaching the north bank of Stevens Creek.

Clayey soil and bedrock similar to that encountered along the floor of the excavation were observed at the floor of the ravine near its junction with Stevens Creek (Photographs 6 and 7). Seepage was observed at the ravine/Stevens Creek junction, near the overburden/bedrock interface, the day after a March 8, 1999 rainstorm.

## Confirmatory Soil Sampling Results

Confirmatory soil samples were collected at 49 locations within the excavation (PE-1 through PE-33 and DM-1 through DM-16). Background soil samples (BKG-1 through BKG-4) were taken from four locations outside of the excavation for comparison purposes. The following analyses were performed:

- Lead (Method 6010)
- Volatile Organics (Method 8260)
- Total Petroleum Hydrocarbons (Methods 5030/8015M or 3550/8015M)
- Polynuclear Aromatic Hydrocarbons (Methods 8270M or 8310)
- Organochlorine Pesticides (Method 8080)
- Chlorinated Herbicides (Method 8150)
- Polychlorinated Biphenyls (Method 8080)

Soil sampling results are summarized in Tables 1 and 2; sample locations are shown on Figure 2. CDM collected PE and BKG series samples on behalf of the City, while Dames & Moore collected DM series samples on behalf of the property owner.

Mr. Stephen Morse May 5, 1999 Page 4

#### Lead

Of the 49 confirmatory soil samples analyzed for lead, four samples exceeded the maximum background concentration of 20 milligrams per kilogram (mg/kg) based on a 95 percent tolerance limit and a 95 percent tolerance coefficient. Three of the four lead exceedences (DM-1, DM-2 and DM-6) occurred in sidewall samples collected from fill at the upgradient end of the excavation; this fill will be removed to the property line and street right-of-way during Site restoration activities.

The remaining lead exceedence, 31 mg/kg at PE-8, was not repeated in a second sample, PE-8-2, collected at the same location. The lead concentration in PE-8-2 measured 7.6 mg/kg. No additional excavation was performed prior to collecting sample PE-8-2.

# Volatile Organics

No volatile organic compounds (VOCs) were detected above laboratory detection limits in 17 of 20 confirmatory samples tested. Sample PE-17 contained maximum VOC concentrations of 400 micrograms per kilogram (ug/kg); however, no VOCs were detected in subsequent samples collected at the same location (PE-17B-0.5, PE-17B-2.0, and PE-17C). No additional excavation was performed prior to collecting samples PE-17B-0.5 and PE-17B-2.0. At the request of the property owner, about one cubic yard of soil was excavated prior to collecting sample PE-17C.

Two samples, DM-8 and DM-15, contained relatively low concentrations of acetone (56 and 26 ug/kg, respectively); no other VOCs were detected in either of these two samples.

The highest concentrations of VOCs detected on-site were found at one background sample location, BKG-4B. For example, 5,300 ug/kg of 1,2,4-Trimethylbenzene were detected at BKG-4B; however, no VOCs were detected in a subsequent sample collected at the same location (BKG-4-2). No additional excavation was performed prior to collecting Sample BKG-4-2.

# Total Petroleum Hydrocarbons

No total petroleum hydrocarbons (TPHs) were detected above laboratory detection limits in 15 of 20 confirmatory samples tested. The maximum TPH concentration detected, 250 mg/kg as motor oil in sample PE-3, was collected from sidewall fill at the upgradient end of the excavation; this material will be removed during Site restoration activities. Excluding samples collected in remaining fill, which will be removed, the maximum detected TPH concentration was 3.3 mg/kg as motor oil in sample DM-15.

# Polynuclear Aromatic Hydrocarbons

Two of 20 confirmatory samples tested contained concentrations of polynuclear aromatic hydrocarbon compounds (PAHs) above laboratory detection limits. Both samples with detected PAHs, PE-1 and PE-3, were collected from sidewall fill at the upgradient end of the excavation; this fill will be removed during Site restoration activities. The maximum PAH concentration detected was 24 ug/kg of pyrene in PE-1.

# Organochlorine Pesticides

Two of 20 confirmatory samples tested contained concentrations of organochlorine pesticides above laboratory detection limits. Both samples with detected organochlorine pesticides, PE-1 and PE-3, were collected from sidewall fill at the upgradient end of the excavation; this fill will be removed during Site restoration activities. The maximum organochlorine pesticides concentration detected was 870 ug/kg of 4,4′-DDE in PE-1.

# Polychlorinated Biphenyls and Chlorinated Herbicides

No polychlorinated biphenyls (PCBs) or chlorinated herbicides were detected above laboratory detection limits.

# Ravine Soil Sampling Results

One surficial soil sample was collected in the original ravine, downgradient of the RCP and CMP discharge points, in August 1997. The following analyses were performed:

- Organochlorine Pesticides (Method 8080)
- PCBs (Method 8080)
- Metals (Series 6000 or 7000 Methods)
- Total Petroleum Hydrocarbons (Method 8015M)
- Halocarbons (Method 8010)
- Volatile Aromatics (Method 8020)

The sample contained 150 mg/kg of TPH-Motor Oil, 32 mg/kg of lead, 0.011 mg/kg of DDD and 0.025 mg/kg of DDE. Results for PCBs, halocarbons, and volatile aromatics were all non-detectable.

# Stevens Creek Aqueous Sampling Results

Four aqueous samples were collected from Stevens Creek in August 1997; one upstream of the ravine/creek junction and three downstream. The following analyses were performed:

- Organochlorine Pesticides (Method 8080)
- PCBs (Method 8080)
- Metals (Series 6000 or 7000 Methods)
- Total Petroleum Hydrocarbons (Method 8015M)
- Halocarbons (Method 8010)
- Volatile Aromatics (Method 8020)

Results for lead, organochlorine pesticides, PCBs, TPHs, halocarbons, and volatile aromatics were all non-detectable.

# Well Search Data

Based on data provided by the Santa Clara Valley Water District, only one active well exists within a one-half-mile radius of the Site. As illustrated in Figure 4, the well is located on an adjacent residential property and is not topographically downgradient of the historic fill disposal area.

Information regarding the well was obtained from the following sources:

- Discussions with the well's owner, Mr. James Guidotti, on February 16 and April 22, 1999.
- A Santa Clara County Flood Control and Water Conservation District Registration Form Water Producing Facility, dated July 29, 1963.

Well information is summarized as follows:

- The well was installed in 1948. Water drawn from the well is used to irrigate gardens and landscaping.
- The well is 200 feet deep with an eight-inch diameter casing.

- No boring logs are available for the well. According to the owner's recollections, the boring was advanced through soil to 35 feet below grade where bedrock was encountered. Some groundwater was encountered at 35 feet, but due to low yield, the boring was advanced another 165 feet though bedrock.
- The well's yield is approximately 1 gpm. The well is cased to about 35 feet below grade and is open hole through bedrock to 200 feet below grade. The well's static water level is about 35 feet below grade.

# Discussion

This section discusses two scenarios where contaminants could possibly impact on-site groundwater. In the first scenario, contaminants located within the fill disposal area migrate vertically through underlying permeable soil or bedrock, eventually reaching groundwater. In the second scenario, contaminants are first transported through the RCP drainage line into the remaining reach of original ravine. Contaminants then migrate vertically in a manner similar to that of the first scenario.

Given the following summary of findings, neither scenario is likely:

# Confirmatory Soil Sampling Results

With the exception of approximately 100 cubic yards (cy) of fill located near Stevens Canyon Road and a private driveway (Figure 2), the former disposal area has been vertically and horizontally delineated. Confirmatory soil sampling results for lead correspond to background concentrations. Confirmatory soil sampling results for analytes other than lead are non-detectable or relatively low. Residual concentrations would likely have been detected in confirmatory samples if vertical contaminant migration occurred.

# Geology

Low permeability clayey soil and bedrock underlie the former disposal area and the downgradient ravine. This conclusion is significant because low permeability materials generally inhibit contaminant migration. Supporting field observations and data are as follows:

- Bedrock was encountered along the sidewalls and floor of the excavation. Depth to bedrock varies between 15 and 25 feet below adjacent grade. A sandy clay layer, approximately three feet thick, overlies the bedrock along the axis of the ravine.
- A minimal amount of over-excavation of native soil was necessary to obtain favorable confirmatory soil sampling results. Over-excavation of native soil was generally limited to two feet.

- The well on the adjacent property is 200 feet deep (165 feet in bedrock), yet yields only 1 gpm. Assuming the well was installed properly, these findings suggest that the bedrock underlying the former fill disposal area has a low permeability.
- Saturated soil in the overburden apparently drains laterally along the overburden/bedrock interface towards Stevens Creek, rather than vertically through low permeability soil and bedrock.
- Seepage was observed at the overburden/bedrock interface within the excavation
  area and at the ravine's junction with Stevens Creek; however, this seepage is
  apparently seasonal as it was only observed during the Spring (March and April
  1999). No seepage was observed in the excavation during fill removal activities
  conducted during the Fall.
- Runoff accumulated in the former fill disposal area when the drainage line's
  effectiveness was reduced by fill placement, indicating water did not readily
  infiltrate underlying native soil and bedrock.

Based on CDM's assessment, a groundwater investigation does not appear warranted for the Site. CDM would like to discuss this recommendation with you within the next week or at your earliest convenience.

Very truly yours,

CAMP DRESSER & McKEE INC.

Randall T. Smith, P.E. Project Director

Appendix A - Photographs

cc: Mr. Bert Viskovich, Cupertino Public Works Dept.

Mr. Jeffrey Harland, USI Properties, Inc.

Mr. John Janneck, Janneck, Ltd.

Mr. Ray Rice, Dames & Moore

Mr. Mohammad A. Janjua, Santa Clara County Department of Environmental Health

January 15, 1999

Mr. Raymond Rice, R.G., C.E.G. Dames & Moore 221 Main Street, Suite 600 San Francisco, California 94105-1917

Subject: Site Restoration Plan

PH Properties Site, Stevens Canyon Road near Ricardo Road,

Cupertino, California

Dear Mr. Rice:

In response to your November 20, 1998 letter, Camp Dresser & McKee Inc. (CDM) has prepared this Site Restoration Plan on behalf of the City of Cupertino (City) for the subject PH Properties site. The format of this Site Restoration Plan follows your November 20, 1998 letter; each of your concerns (Items A through K) is reiterated and followed by CDM's response.

According to your November 20, 1998 letter, approximately 1,500 cubic yards (cy) of material has already been placed on-site. Note that the majority of the in-place material was imported from a nearby residential construction site while the remainder consists of on-site material cut from the ravine's sidewalls. An additional 500 cy of material imported from the construction site is stockpiled on-site. Compaction testing and environmental sampling of the in-place and stockpiled materials are discussed in this plan.

#### Item A

Confirm earthwork configuration-2.5:1 fill slopes, 2:1 cut slopes

#### Response

As illustrated in CDM's map titled *Site Restoration Plan, PH Properties, Cupertino, California* (Figure 1), fill slopes will be constructed at a gradient not to exceed 2.5:1 (horizontal to vertical). Although some slope cutting was previously performed, no additional slope cutting will be performed.

#### Item B

Please provide compaction and testing requirements, which we understand will be conducted by GeoSyntec as a subcontractor to CDM. Geotechnical data (compaction curve, grain size distribution, Atterberg limits) are available for the primary Voss (Stevens Creek) Quarry source but not for the nearby construction site source or the secondary quarry source. These data will be necessary for compaction control testing during fill placement. Please conduct appropriate compaction testing on fill already placed prior to placement of any additional fill, as well as on the remainder of the fill to be

placed. This will be important because in excess of 10 feet of canyon fill is proposed without subdrains, which could lead to saturation of the fill, and settlements that could affect ultimate land use.

#### Response

In November 1998, GeoSyntec Consultants provided oversight of backfilling operations at the site including performance of field density tests. GeoSyntec Consultants will continue to provide these services during implementation of this plan. As discussed, fill will be placed in loose lifts not to exceed 1 foot in thickness. Fill will be compacted to 90% relative compaction. Compaction testing will be performed every lift or every 500 cubic yards.

Fill placed to date was derived from two sources: on-site cutting of ravine slopes and a nearby residential construction site. All additional fill will consist of bank run imported from the primary site at Stevens Creek Quarry. Fill from the secondary quarry site will not be used. Compaction curve and Atterberg test results for soils from each source are presented in Table 1.

Table 1 Compaction Curve and Atterberg Limit Test Results PH Properties Site, Cupertino, CA						
		Compaction Test Results		Atterberg Limit Test Results		
Sample Source	Sample I.D.	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index
On-Site Grading	PH-NAT	127.0	10.2	27.21	15.87	11.34
Residential Construction Site	PH-BOR	129.6	12.2	44.83	21.37	23.45
Stevens Creek Quarry (primary site)	PH-BULK3	128.3	10.3	28.1	20.0	8.2

Laboratory tests results including grain size distribution results are presented in Attachment A. Compaction test data for fill placed to date are provided in Attachment B.

#### Item C

Please prepare a testing protocol for confirmation, both prior to importation and after placement, that the fill is clean.

#### Response

Soil contaminant testing has been performed on imported material and on representative fill source materials (Table 2); test results indicate that these materials are not adversely impacted with contaminants. For details regarding test results, see CDM's Request for Approval to Initiate Site Restoration Activities, PH Properties Site, Stevens Canyon Road near Ricardo Road, Cupertino, California, dated December 17, 1998.

Table 2 Soil Contaminant Testing Conducted To Date PH Properties Site, Cupertino, CA			
Sample I.D. Sample Date Sample Location Comment			Comments
F-1,2,6,7	10/27/98	On-site backfilled material Material source: on-site slope cutting, off-site construction site	1 Composite sample
F-3,4,5,8	10/27/98	On-site backfilled material Material source: on-site slope cutting, off-site construction site	1 Composite sample
F-9	11/10/98	Material stockpiled on-site Material source: off-site construction site	1 Discrete sample
F-10 and F-11	11/10/98	On-site backfilled material Material source: on-site slope cutting, off-site construction site	2 Discrete samples
F-12	11/10/98	Off-site source at construction site	1 Discrete sample
SCQA-1 through SCQA-4	11/13/98	Off-site at S.C. Quarry (primary site)	4 Discrete samples
SCQB-1 through SCQB-4	11/13/98	Off-site at S.C. Quarry (secondary site)*	4 Discrete samples

^{* -} Although tested, no Stevens Creek Quarry secondary site material will be imported.

Additional contaminant testing of potential import material will be conducted at Stevens Creek Quarry on a dedicated material stockpile according to the protocol outlined in Table 3.

Table 3 Soil Contaminant Testing Protocol for Potential Import Material PH Properties Site, Cupertino, CA		
Sampling Frequency	One, four-point composite sample per 500 cubic yards of stockpile volume	
Analytical Tests	Total Purgeable Petroleum Hydrocarbons as Gasoline (EPA 5030/8015M), Total Extractable Petroleum Hydrocarbons as Motor Oil (EPA 3550/8015M), Total Extractable Petroleum Hydrocarbons as Diesel (EPA 3550/8015M), Volatile Organic Compounds (EPA 8260), Semivolatile Organic Compounds (EPA 8270), Organochlorine Pesticides and PCBs (EPA 8080), Chlorinated Herbicides (EPA 8150), CAM-17 Metals (EPA 6010 and 7470/7471)	

No further analytical testing of imported material, either on-site or at the quarry, is planned.

No importing of material will occur until all analytical testing is completed. Assuming no contaminant impact, fill material will be loaded under City inspection and transported to the site. A City inspector will communicate via radio with the on-site GeoSyntec inspector to ensure that all material delivered to the site originated at the dedicated quarry stockpile. At the conclusion of site restoration activities, the City will provide documentation certifying the performance of these quality control measures.

#### Item D

Please provide rip-rap specification and placement details, e.g., will it be placed over erosion control fabric?

### Response

Rip-rap will be placed over erosion control fabric in accordance with CDM's technical specification 02271 (Attachment C).

#### Item E

The owner will not approve cutting of existing ravine side slopes back to balance earthwork.

## Response

No additional cutting of ravine slopes will be performed.

#### Item F

Please verify the condition of the reinforced concrete pipe (RCP), under the access road, draining to Stevens Creek. This was to be evaluated by video camera by the City. What actions are proposed if the pipe is crushed or judged to be non-functional.

#### Response

The City completed a video evaluation of the existing RCP and found the pipe to be functional.

#### Item G

What is the capacity of the RCP to carry anticipated flows-will the former landfill serve as a retention basin?

#### Response

The City does not intend to assess the flow capacity of the existing RCP. As indicated by the proposed topographic contours in Figure 1, *Site Restoration Plan, PH Properties, Cupertino, California*, the former landfill area is not intended to serve as a retention basin.

#### Item H

Please indicate what form of energy dissipation will be provided at the downstream end of the RCP near its discharge into Stevens Creek.

#### Response

The City's site restoration contractor will place approximately 2 cy of rip-rap at the RCP discharge point for energy dissipation purposes.

#### Item I

Please provide appropriate information concerning the status of eucalyptus trees near Stevens Canyon Road and the Site access road. Is the arborists report available?

# Response

As requested by PH Properties, the large eucalyptus tree near Stevens Canyon Road and the Site access road was removed on January 8, 1999.

#### Item J

Please provide details of planned excavation and backfilling along the J.Guidotti property line near Stevens Canyon Road. *Response* 

The City will excavate non-native material (fill) in the northwest corner of the existing ravine near the J.Guidotti property line and Stevens Canyon Road. If necessary, the excavation will proceed up to, but not beyond, the property line and the roadway easement. Actual excavation limits will be field determined. Excavated material will be stockpiled on-site prior to off-site disposal.

Prior to excavating non-native material, the base of the ravine adjacent to the excavation area will be backfilled and compacted; this will allow heavy equipment to access non-native material from within the ravine.

During excavation, some non-native material removed from the sidewalls is likely to fall to the base of the ravine where native soil is present. To minimize commingling of non-native material and native soil, the base of the ravine in the excavation area will be lined with polyethylene. In addition, all non-native material handling and loading areas will be also be lined with polyethylene. At the conclusion of excavation activities, the polyethylene lining and several inches of material beneath the lining will be removed and disposed of off-site.

#### Item K

Please provide an erosion control specification for the ravine slopes, which we understand will be performed by the City.

### Response

To minimize erosion, the City will hydroseed the ravine slopes in accordance with the attached CDM technical specification section 02930 (Attachment D). Given that the rainy season has begun, the specification requires pregerminated seeds to facilitate rapid growth.

Please contact Randall Smith or Steve Abrusia at CDM (925/933-2900) if you have any questions or comments regarding this Site Restoration Plan.

Very truly yours,

CAMP DRESSER & McKEE INC.

Randall T. Smith, P.E. Project Manager

cc: Mr. Bert Viskovich, Director of Public Works
Mr. Jeffrey Harland, P.H. Property Development Company
Mr. John Janneck, Janneck, Ltd.

Mr. Colin Lennard, Fulbright & Jaworski

attachments: Figure 1: Site Restoration Plan, PH Properties, Cupertino, California

Attachment A: Source Material Compaction, Grain Size Distribution,

Atterberg Test Results

Attachment B: Compaction Testing Results, Existing Fill

Attachment C: CDM Technical Specification Section 02271, Rip-rap

Attachment D: CDM Technical Specification Section 02930,

Hydroseeding

W99/10886/002.wpd



Type of Services Location Phase I Environmental Site Assessment Former McDonald-Dorsa Quarry Cupertino, California

Client Address

David J. Powers & Associates 1871 The Alameda, Suite 200 San Jose, California 95126

Project Number Date

118-40-1 April 29, 2013

Prepared by

**Stason I. Foster, P.E.** Senior Project Engineer

Kurt M. Soenen, P.E.

**Principal Engineer** 



# **Table of Contents**

SECTION 1: INTRODUCTION	1
1.1 GENERAL SITE AND PROJECT DESCRIPTION	1
1.2 PURPOSE	
1.3 SCOPE OF WORK	2
1.4 ASSUMPTIONS	2
1.5 ENVIRONMENTAL PROFESSIONAL	2
SECTION 2: SITE DESCRIPTION	
2.1 LOCATION AND OWNERSHIP	3
2.2 CURRENT/PROPOSED USE OF THE PROPERTY	3
2.3 SITE SETTING AND ADJOINING SITE USE	
SECTION 3: USER PROVIDED INFORMATION	4
3.1 CHAIN OF TITLE	
3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS	4
2.2 CDECIALIZED MAGNILEDOE AND/OD COMMONI V MAGNIN OD	
REASONABLY ASCERTAINABLE INFORMATION	4
3.4 REAGON FOR PERFORMING PHAGE I ENVIRONMENTAL SITE	
ASSESSMENT	4
SECTION 4: RECORDS REVIEW	4
4.1 DOCUMENTS PROVIDED BY THE SITE OWNER	
4.1.1 Site History	
4.1.2 Geotechnical Study	
4.2 STANDARD ENVIRONMENTAL RECORD SOURCES	
4.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES	
4.3.1 City and County Agency File Reviews and Additional Research	
SECTION 5: PHYSICAL SETTING	6
5.1 RECENT USGS TOPOGRAPHIC MAP	
5.2 GEOLOGY AND HYDROGEOLOGY	
SECTION 6: HISTORICAL USE INFORMATION	
6.1 HISTORICAL SUMMARY OF SITE	
6.2 HISTORICAL SUMMARY OF SITE VICINITY	8
SECTION 7: SITE RECONNAISSANCE	
7.1 METHODOLOGY AND LIMITING CONDITIONS	
7.2 OBSERVATIONS	9
7.2.1 Site Photographs	
SECTION 8: INTERVIEWS	
8.1 ENVIRONMENTAL QUESTIONNAIRE / CURRENT OWNER INTERVIEW	
8.2 INTERVIEWS WITH PREVIOUS OWNERS AND OCCUPANTS	14
SECTION 9: CONCLUSIONS (FINDINGS) AND RECOMMENDATIONS	14
9.1 HISTORICAL SITE USAGE	
9.2 CHEMICAL STORAGE AND USE	
9.3 FILL MATERIAL AND SITE MANAGEMENT PLAN	
9.4 IMPORTED SOIL	
9.5 POTENTIAL ENVIRONMENTAL CONCERNS WITHIN THE SITE VICINITY	15
9.6 DATA GAPS	
9.7 DATA FAILURES	
9.8 RECOGNIZED ENVIRONMENTAL CONDITIONS	
SECTION 10: LIMITATIONS	



SECTION 11: REFERENCES	17
FIGURE 1 – VICINITY MAP FIGURE 2 – SITE PLAN	
APPENDIX A – DATABASE SEARCH REPORT APPENDIX B – HISTORIC AERIAL PHOTOGRAPHS AND MAPS APPENDIX C – LOCAL STREET DIRECTORY SEARCH RESULTS APPENDIX D – QUESTIONNAIRE APPENDIX E – PRIOR REPORTS	



Type of Services Location

Former McDonald-Dorsa Quarry Cupertino, California

#### **SECTION 1: INTRODUCTION**

This report presents the results of the Phase I Environmental Site Assessment (ESA) performed at an approximately 87-acre property located east of Stevens Canyon Road and south of the Deep Cliff Golf Course and west of Linda Vista Drive in Cupertino, California (Site) as shown on Figures 1 and 2. This work was performed for David J. Powers & Associates in accordance with our December 18, 2012 Agreement (Agreement). Cornerstone Earth Group, Inc. (Cornerstone) understands that David J. Powers & Associates is assisting the City of Cupertino (City) and preparing an Initial Study (IS) in accordance with the California Environmental Quality Act (CEQA) and City of Cupertino standards.

#### 1.1 GENERAL SITE AND PROJECT DESCRIPTION

The Site consists of approximately 87 acres of undeveloped land bordered by existing residences and undeveloped land to the west, south and east. Deep Cliff Golf Course and Linda Vista Park border the Site to the north. The Site and Linda Vista Park were historically part of a former gravel quarry operated by the McDonald-Dorsa family (Sokale, 2002). The 11-acre Linda Vista Park property was purchased by the City of Cupertino in 1969. The Site includes an approximately 40-foot wide parcel that was a former quarry haul road and extends from Linda Vista Park to McClellan Road. The haul road parcel borders Deep Cliff Golf Course and extends behind the backyards of homes located on Linda Vista Drive, Baxley Court, Evulich Court and Rae Lane; the parcel provides a link between Linda Vista Park and McClellan Ranch.

We understand that no specific development plans have been established for the Site and that feasibility studies are planned. It is anticipated that a land dedication for park and open space purposes will be a component of any development project. A potential trail route across the Site is identified in the 1993 City of Cupertino General Plan and the 1995 Santa Clara Countywide Trails Master Plan Update.

#### 1.2 PURPOSE

The scope of work presented in the Agreement was prepared in general accordance with ASTM E 1527-05 titled, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM Standard). The ASTM Standard is in general compliance with the Environmental Protection Agency (EPA) rule titled, "Standards and Practices for All Appropriate Inquiries; Final Rule" (AAI Rule). The purpose of this Phase I ESA is to strive to identify, to the extent feasible pursuant to the scope of work presented in the Agreement, Recognized Environmental Conditions at the property.



As defined by ASTM E 1527-05, the term Recognized Environmental Condition means the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water on the property.

#### 1.3 SCOPE OF WORK

As presented in our Agreement, the scope of work performed for this Phase I ESA included the following:

- A reconnaissance of the Site to note readily observable indications of significant hazardous materials releases to structures, soil or ground water.
- Drive-by observation of adjoining properties to note readily apparent hazardous materials activities that have or could significantly impact the Site.
- Acquisition and review of a regulatory agency database report of public records for the general area of the Site to evaluate potential impacts to the Site from reported contamination incidents at nearby facilities.
- Review of readily available information on file at selected governmental agencies to help evaluate past and current Site use and hazardous materials management practices.
- Review of readily available maps and aerial photographs to help evaluate past and current Site uses.
- Preparation of a written report summarizing our findings and recommendations.

The limitations for the Phase I ESA are presented in Section 10.

#### 1.4 ASSUMPTIONS

In preparing this Phase I ESA, Cornerstone assumed that all information received from interviewed parties is true and accurate. In addition, we assumed that all records obtained by other parties, such as regulatory agency databases, maps, related documents and environmental reports prepared by others are accurate and complete. We also assumed that the boundaries of the Site, based on information provided by David J. Powers & Associates, are as shown on Figure 2. We have not independently verified the accuracy or completeness of any data received.

#### 1.5 ENVIRONMENTAL PROFESSIONAL

This Phase I ESA was performed by Stason I. Foster, P.E. and Kurt M. Soenen, P.E., environmental professionals who meet the ASTM E 1527-05 qualifications.

## **SECTION 2: SITE DESCRIPTION**

This section describes the Site as of the date of this Phase I ESA. The location of the Site is shown on Figures 1 and 2. Tables 1 through 3 summarize general characteristics of the Site



and adjoining properties. The Site is described in more detail in Section 7, based on our on-Site observations.

#### 2.1 LOCATION AND OWNERSHIP

Table 1 describes the physical location, and ownership of the property, based on information provided by David J. Powers & Associates and the Site owner.

**Table 1. Location and Ownership** 

Assessor's Parcel No. (APN)	Approximate Lot Size	Reported Address/Location	Approximate Bldg. Size	Owner
356-05-005	1.56 acre former haul road	No reported address	NA	Pool Frog Investments LLC
356-05-007	50.26 acres	No reported address	NA	Pool Frog Investments LLC
356-05-008	1.7 acre portion excluding panhandle	No reported address	NA	Pool Frog Investments LLC
356-27-026	33.66 acres	No reported address	NA	Pool Frog Investments LLC

#### 2.2 CURRENT/PROPOSED USE OF THE PROPERTY

The current and proposed uses of the property are summarized in Table 2.

**Table 2. Current and Proposed Uses** 

Current Use	Undeveloped land	
Proposed Use	Not established. Partial dedication as open space and	
	public trail access is anticipated.	

#### 2.3 SITE SETTING AND ADJOINING SITE USE

Land use in the general Site vicinity appears to be a mix of residential and undeveloped property. Based on our Site vicinity reconnaissance, adjoining Site uses are summarized below in Table 3.

**Table 3. Adjoining Site Uses** 

North	Deep Cliff Golf Course and Linda Vista Park	
South	Residential and undeveloped land	
East	Residential	
West	Undeveloped land	



## **SECTION 3: USER PROVIDED INFORMATION**

The ASTM standard defines the User as the party seeking to use a Phase I ESA to evaluate the presence of Recognized Environmental Conditions associated with a property. For the purpose of this Phase I ESA, the User is David J. Powers & Associates.

#### 3.1 CHAIN OF TITLE

A chain-of-title was not provided for our review.

#### 3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No information regarding environmental liens or activity and use limitations (AULs) was provided for our review.

# 3.3 SPECIALIZED KNOWLEDGE AND/OR COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The ASTM Standard requires that if the User is aware of any specialized knowledge and/or commonly known or reasonably ascertainable information within the local community about the Site that is material to Recognized Environmental Conditions, such as environmental liens, a significantly lower purchase price due to the property being affected by hazardous materials, or other conditions that are material to Recognized Environmental Conditions in connection with the Site, it is the User's responsibility to communicate such information to the environmental professional. Based on information provided by or discussions with David J. Powers & Associates, we understand that David J. Powers & Associates does not have such specialized knowledge and/or commonly known or reasonably ascertainable information regarding the Site.

#### 3.4 REASON FOR PERFORMING PHASE I ENVIRONMENTAL SITE ASSESSMENT

We performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions at the Site. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions at the Site.

#### **SECTION 4: RECORDS REVIEW**

#### 4.1 DOCUMENTS PROVIDED BY THE SITE OWNER

To help evaluate the presence of Recognized Environmental Conditions at the Site, Cornerstone reviewed and relied upon the documents listed in Table 4 that were provided by the Site owner, Pool Frog Investments LLC. Please note that Cornerstone cannot be liable for the accuracy of the information presented in these documents. Significant information presented in these documents is summarized below; copies of the documents are attached in Appendix E.



Table 4. Documents Provided by the Site Owner

Date	Author	Title
November 22, 1999a	Dames & Moore	Phase I Environmental Site Assessment Update,
		McDonald Dorsa Property, Cupertino, California
November 22, 1999b	Dames & Moore	Site Restoration Report, McDonald Dorsa
		Property, Cupertino, California.
February 7, 2001	Berlogar	Preliminary Geotechnical Investigation, Canyon
	Geotechnical	Heights, LLC Project, Stevens Canyon Road,
	Consultants	Cupertino, California.

# 4.1.1 Site History

The Phase I ESA report by Dames & Moore (1999a) was prepared for a 130 acre property that includes the Site, as well as adjacent land to the west. Based on the information reviewed, the Site and westerly adjacent property were formerly part of the McDonald-Dorsa quarry and have historically been primarily undeveloped. Dames & Moore reported that gravel mining operations historically occurred at the quarry and that an access road to the quarry extended from Stevens Canyon Road, across westerly adjacent property to a bridge across Stevens Creek and then onto the Site.

#### 4.1.2 Geotechnical Study

The purpose of the 2001 geotechnical investigation by Berlogar was to assess the feasibility of a proposed school development on the Site and adjacent property to the west. The work performed included excavation of 26 backhoe test pits to investigate the existing fill located at the former quarry floor (a relatively flat area at the base of the quarry). Test pits were excavated with a backhoe to depths ranging from 2 to 14 feet below the existing ground surface.

Berlogar documented several areas of fill (to depths of greater than 13 feet) within the former quarry floor area and stated that it appeared that the fill was placed during the previous quarry operation. The fill was described by Berlogar as clayey gravel to gravelly clay containing minor amounts of debris, such as metal rods, glass bottles and occasional tree trunks. Steep slopes, landslides and nearby faults also were identified by Berlogar.

#### 4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

Cornerstone contracted with a firm specializing in the computerized search of environmental regulatory databases to evaluate the likelihood of contamination incidents at and near the Site. The databases and search distances were in general accordance with the requirements of ASTM E 1527-05. A list of the database sources reviewed, a description of the sources, and a radius map showing the location of reported facilities relative to the project Site are presented in Appendix A. The Site was not listed in any of the regulatory databases researched.

Based on the information presented in the agency database report, no off-Site spill incidents were reported that appear likely to significantly impact soil or ground water beneath the Site. The potential for impact was based on our interpretation of the types of incidents, the location of the reported incidents in relation to the Site and the assumed ground water flow direction.



#### 4.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following additional sources of readily ascertainable public information for the Site also were reviewed during this Phase I ESA.

### 4.3.1 City and County Agency File Reviews and Additional Research

Cornerstone requested available files pertaining to the Site at the following public agencies; the Cupertino Building Department (CBD), Santa Clara County Fire Department (SCCFD), and the Santa Clara County Department of Environmental Health (SCCDEH). No files pertaining to the Site were identified in public records available at the CBD. Similarly, representatives of the SCCFD and SCCDEH indicated that no files were available for the Site.

#### **SECTION 5: PHYSICAL SETTING**

We reviewed readily available geologic and hydrogeologic information to evaluate the likelihood that chemicals of concern released on a nearby property could pose a significant threat to the Site and/or its intended use.

#### 5.1 RECENT USGS TOPOGRAPHIC MAP

A recent USGS 7.5 minute topographic map was reviewed to evaluate the physical setting of the Site. The Site's elevation ranges from approximately 360 feet (at Stevens Creek) to approximately 760 feet along ridgelines and the quarry rim. Steep slopes (sloping downward towards Stevens Creek, the quarry floor and/or natural ravines) are present on portions of the Site.

#### 5.2 GEOLOGY AND HYDROGEOLOGY

Based on our experience and the provided geotechnical report (Berlogar, 2001), ground water depths at the Site are expected to be variable based on surface topography. Ground water within a few feet of the ground surface would be expected at locations near Stevens Creek and areas within the quarry floor, while deeper ground water depths would be expected at higher elevations such has ridgelines and the quarry rim. The ground water flow directions would typically be expected to follow local surface topography.

Based on readily available maps reviewed by Cornerstone's certified engineering geologist, the Site and immediate vicinity are underlain by Quaternary age sediments belonging to the Santa Clara Formation which is in fault contact or laps onto older Franciscan Complex bedrock units to the west and southwest. These earth materials are unlikely to contain serpentinite or other ultramafic rock with naturally occurring asbestos (NOA). The nearest outcrop of bedrock that could potentially contain NOA ("sheared rock" or mélange) is located approximately 0.6 miles to the west on the far side of the Stevens Creek Reservoir.

#### **SECTION 6: HISTORICAL USE INFORMATION**

The objective of the review of historical use information is to develop a history of the previous uses of the Site and surrounding area in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions at the property. The ASTM standard requires the identification of all obvious uses of the property from the present back to the property's first



developed use, or back to 1940, whichever is earlier, using reasonably ascertainable standard historical sources.

#### **6.1 HISTORICAL SUMMARY OF SITE**

The historical sources reviewed are summarized below. The results of our review of these sources are summarized in Table 5.

- Historical Aerial Photographs: We reviewed aerial photographs dated 1939, 1948, 1956, 1968, 1972, 1982, 1991, 1999, 2005 and 2006 obtained from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. Additional aerial photographs that show part of the Site were obtained from Pacific Aerial Surveys in Oakland, California; these were dated 1950, 1960, 1963, 1966, 1968, 1971, 1976, and 1999. Copies of the aerial photographs reviewed are presented in Appendix B.
- Historical Topographic Maps: We reviewed USGS 15-minute and 7.5-minute historic topographic maps dated 1899, 1902, 1943, 1947, 1948, 1953, 1961, 1968, 1973, 1980 and 1991; copies of historic topographic maps reviewed are presented in Appendix B.
- Historical Fire Insurance Maps: EDR reported that the Site was not within the coverage area of fire insurance maps.
- Local Street Directories: We reviewed city directories obtained from EDR that were
  dated at approximately 5 year intervals from 1970 to 2010 to obtain information
  pertaining to past Site occupants; the city directory summary is presented in Appendix C.
  The Site was not identified on the city directories researched.



Table 5. Summary of Historical Source Information for Site

Date	Source	Comment
1899 and	Topographic	The Site appears to consist mostly of undeveloped land. A
1902	maps	few small structures, typical of residences or associated
		outbuildings, are depicted on or near the Site.
1939, 1948	Aerial	The Site appears to consist of undeveloped land. A small
and 1950	photographs	structure is apparent at the location of the water tank
		depicted on topographic maps described below. On the
		1948 and 1950 aerial photographs, a quarry is apparent at the current location of Linda Vista Park; the quarry extends
		partially onto the Site.
1943, 1947	Topographic	The Site appears to consist mainly of undeveloped land.
and 1948	maps	, o app and a contract of a contract
1953	Topographic	The Site appears to consist mainly of undeveloped land. A
	map	gravel pit is depicted on or near the northeast portion of the
		Site.
1956 and	Aerial	An access road is shown extending from Stevens Canyon
1960, 1963,	photographs	Road to a quarry on the central portion of the Site. Several
1968, 1971,		other on-Site trails and quarry access roads also are
1972, 1976 and 1982		shown to traverse the Site. The remainder of the Site
anu 1902		appears similar to that shown on the 1950 aerial photograph. Activities at the quarry appear to have been
		discontinued by the early 1970s.
		albeen and by the early 107 co.
		Note that due to the poor quality and of the 1972 and 1982
		aerial photographs, Site details on these photographs are
		difficult to interpret.
1961, 1968,	Topographic	An access road (extending from Stevens Canyon Road)
1973 and	maps	and gravel pits are depicted on-Site, along with a water
1980		tank. Overhead electrical transmission lines are shown to
1001	Tanagraphia	traverse the southern portion of the Site.
1991	Topographic map	Except for a water tank, no specific Site details are shown.
1991, 1999,	Aerial	Site appears similar to the current conditions. Overhead
2005 and	photographs	electrical transmission lines are shown to traverse the
2006		southern portion of the Site.

#### **6.2 HISTORICAL SUMMARY OF SITE VICINITY**

Based on our review of the information described in Section 6.1, the general Site vicinity appears to have historically consisted of undeveloped hillside land and agricultural properties with widely spaced residences. By the late 1960s, an increase in mainly residential development is apparent in the general vicinity and the Deep Cliff Golf Course was built to the north of the Site. Further increases in mainly residential development are apparent on the subsequent aerial photographs and topographic maps.

## **SECTION 7: SITE RECONNAISSANCE**

We performed a Site reconnaissance to evaluate current Site conditions and to attempt to identify Site Recognized Environmental Conditions. The results of the reconnaissance are discussed below. Additional Site observations are summarized in Table 6 in Section 7.2. Photographs of the Site are presented in Section 7.2.1.



#### 7.1 METHODOLOGY AND LIMITING CONDITIONS

To observe current Site conditions (readily observable environmental conditions indicative of a significant release of hazardous materials), Cornerstone staff Stason I. Foster, P.E. visited the Site on January 17, 2013, and was unaccompanied. Cornerstone staff only observed those areas that were reasonably accessible and safe. Note that much of the Site consists of heavily forested areas with steep slopes; these conditions limited our ability to observe portions of the Site. Additionally, locked gates were present at the north and south ends of the former quarry haul road parcel that extends from Linda Vista Park to McClellan Road. This parcel was viewed only from the northern and southern gates.

#### 7.2 OBSERVATIONS

At the time of our visit, the Site was observed to consist of undeveloped land, most of which was covered by brush and forested areas with a few meandering trails. A quarried area was observed on the central portion of the Site that consisted of a quarry floor (a relatively flat area at the base of the quarry) surrounded by steep slopes. Evidence of erosion, rockfall and landslides were apparent within the quarried area. Overhead electrical transmission lines were observed to traverse the southern portion of the Site.



**Table 6. Summary of Readily Observable Site Features** 

General Observation	Comments
Aboveground Storage Tanks	Not Observed
Agricultural Wells	Not Observed  Not Observed
Air Emission Control Systems	Not Observed
Boilers	Not Observed
Burning Areas	Not Observed
Chemical Mixing Areas	Not Observed
Chemical Storage Areas	Not Observed
Clean Rooms	Not Observed
Drainage Ditches	Not Observed
Elevators	Not Observed
Emergency Generators	Not Observed
Equipment Maintenance Areas	Not Observed
Fill Placement	Observed within the quarried area.
Ground Water Monitoring Wells	Not Observed
High Power Transmission Lines	Observed on the southern portion of the Site.
Hoods and Ducting	Not Observed
Hydraulic Lifts	Not Observed
Incinerator	Not Observed
Petroleum Pipelines	Not Observed
Petroleum Wells	Not Observed
Ponds or Streams	Several small streams/drainage areas were observed to
	lead to Stevens Creek.
Railroad Lines	Not Observed
Row Crops or Orchards	Not Observed
Stockpiles of Soil or Debris	Not Observed
Sumps or Clarifiers	Not Observed
Transformers	Not Observed
Underground Storage Tanks	Not Observed
Vehicle Maintenance Areas	Not Observed
Vehicle Wash Areas	Not Observed
Wastewater Neutralization	Not Observed
Systems	
-	

The comment "Not Observed" does not warrant that these features are not present on-Site; it only indicates that these features were not readily observed during the Site visit.



# 7.2.1 Site Photographs



Photograph 1. Northeast portion of the Site near Linda Vista Park.



Photograph 2. View of on-Site quarried area looking southwest.





Photograph 3. View from the quarry floor looking east.



Photograph 4. View of the quarry floor looking northwest.





Photograph 5. View of former haul road parcel looking north from Linda Vista Park.



Photograph 6. View of former haul road parcel looking south from McClellan Road.



# **SECTION 8: INTERVIEWS**

#### 8.1 ENVIRONMENTAL QUESTIONNAIRE / CURRENT OWNER INTERVIEW

To help obtain information on current and historical Site use and use/storage of hazardous materials on-Site, we provided an environmental questionnaire to the Site owner (Pool Frog Investments LLC). A copy of the completed questionnaire is attached in Appendix D. Based on our review of the completed questionnaire, Pool Frog Investments LLC acquired the Site in 2010. Prior owners reportedly included Canyon Height Academy Properties (2001 to 2010), the Corbalis Intervivos Trust (2000 to 2001) and KT Properties (dates unknown). The remaining information presented on the questionnaire appears consistent with that described in Section 4.1.

## 8.2 INTERVIEWS WITH PREVIOUS OWNERS AND OCCUPANTS

Contact information for previous Site owners and occupants was not provided to us. Therefore, interviews with previous Site owners and occupants could not be performed.

## **SECTION 9: CONCLUSIONS (FINDINGS) AND RECOMMENDATIONS**

Cornerstone performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions. Our conclusions and recommendations are summarized below.

#### 9.1 HISTORICAL SITE USAGE

Based on the information obtained during this study, the Site appears to have consisted mainly of undeveloped land until the 1940s when a quarry was established at the current location Linda Vista Park and a portion of the quarry extended onto the northeast portion of the Site. By the mid-1950s, a larger quarry operation (*i.e.*, gravel mining) was established on the central portion of the Site. The on-Site parcel that extends from Linda Vista Park to McClellan Road was historically used as a quarry haul road. Activities at the quarry appear to have been discontinued by the early 1970s. The Site has subsequently remained as undeveloped land.

#### 9.2 CHEMICAL STORAGE AND USE

No hazardous materials were observed on-Site at the time of our visit. Details regarding hazardous materials use by past Site occupants (*i.e.*, the McDonald-Dorsa Quarry) were not available within the data sources reviewed during this study; however, quarry uses are not typically associated with the use and storage of hazardous materials, except possibly fuel storage for quarry vehicles and machinery. No evidence of hazardous materials releases to the Site was readily apparent.

## 9.3 FILL MATERIAL AND SITE MANAGEMENT PLAN

Berlogar (2001) documented several areas of fill (to depths of greater than 13 feet) within the former quarry floor area and stated that it appeared that the fill was placed during the previous quarry operation. The fill was described by Berlogar as clayey gravel to gravelly clay containing minor amounts of debris, such as metal rods, glass bottles and occasional tree trunks. The source and quality of the reported fill are not known. We recommend that sampling be conducted to evaluate the quality of the fill prior to development of the Site.



Additionally, based on the history of the Site, buried structures, wells, undocumented fill or debris may be encountered during Site development activities. These materials may require special handling and disposal during Site development. To limit construction delays, we recommend that a Site management plan (SMP) be developed to establish management practices for handling these materials/structures, if encountered.

#### 9.4 IMPORTED SOIL

If the planned development will require importing soil for Site grading, we recommend documenting the source and quality of imported soil. The Department of Toxic Substances Control (DTSC) prepared an October 2001 Clean Fill Advisory that provides useful guidance on evaluating imported fill.

#### 9.5 POTENTIAL ENVIRONMENTAL CONCERNS WITHIN THE SITE VICINITY

Based on the information obtained during this study, no hazardous material incidents have been reported in the Site vicinity that would be likely to significantly impact the Site.

#### 9.6 DATA GAPS

ASTM Standard Designation E 1527-05 requires the environmental professional to comment on significant data gaps that affect our ability to identify Recognized Environmental Conditions. A data gap is a lack of or inability to obtain information required by ASTM Standard Designation E 1527-05 despite good faith efforts by the environmental professional to gather such information. A data gap by itself is not inherently significant; it only becomes significant if it raises reasonable concerns. The following data gaps were identified:

Contact information for the former occupants and owners of the Site was not provided to us; thus, no interviews with former occupants and owners were conducted during this study. The general environmental setting of the Site appears to have been established based on the information reviewed from other data sources. However, these individuals may have knowledge of the Site that is not otherwise readily available or apparent. Thus, the absence of these interviews may diminish our ability to identify Recognized Environmental Conditions.

#### 9.7 DATA FAILURES

As described by ASTM Standard Designation E 1527-05, a data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failures are not uncommon when attempting to identify the use of a Site at five year intervals back to the first use or to 1940 (whichever is earlier). ASTM Standard Designation E 1527-05 requires the environmental professional to comment on the significance of data failures and whether the data failure affects our ability to identify Recognized Environmental Conditions. A data failure by itself is not inherently significant; it only becomes significant if it raises reasonable concerns. No significant data failures were identified:



#### 9.8 RECOGNIZED ENVIRONMENTAL CONDITIONS

Cornerstone has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E 1527-05. This assessment identified the following Recognized Environmental Conditions; however, please read the entire report for an overview of the Site.

 Several areas of fill were identified at the Site. The source and quality of the fill are not known. Berlogar (2001) reported that some of the fill contained debris. The DTSC's October 2001 Clean Fill Advisory provides useful guidance on evaluating imported fill.

#### **SECTION 10: LIMITATIONS**

Cornerstone performed this Phase I ESA to support David J. Powers & Associates in evaluation of Recognized Environmental Conditions associated with the Site. David J. Powers & Associates understands that no Phase I ESA can wholly eliminate uncertainty regarding the potential for Recognized Environmental Conditions to be present at the Site. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions. David J. Powers & Associates understands that the extent of information obtained is based on the reasonable limits of time and budgetary constraints.

Conclusions presented in this report are based on selected, readily available information and conditions readily observed at the time of the Site visit. Phase I ESAs are inherently limited because findings are developed based on information obtained from a non-intrusive Site evaluation. Cornerstone does not accept liability for deficiencies, errors, or misstatements that have resulted from inaccuracies in the publicly available information or from interviews of persons knowledgeable of Site use. In addition, publicly available information and field observations often cannot affirm the presence of Recognized Environmental Conditions; there is a possibility that such conditions exist. If a greater degree of confidence is desired, soil, ground water and/or soil vapor samples should be collected by Cornerstone and analyzed by a state-certified laboratory to establish a more reliable assessment of environmental conditions.

Cornerstone acquired an environmental database of selected publicly available information for the general area of the Site. Cornerstone cannot verify the accuracy or completeness of the database report, nor is Cornerstone obligated to identify mistakes or insufficiencies in the information provided (ASTM E 1527-05, Section 8.1.3). Due to inadequate address information, the environmental database may have mapped several facilities inaccurately or could not map the facilities. Releases from these facilities, if nearby, could impact the Site.

David J. Powers & Associates may have provided Cornerstone environmental documents prepared by others. David J. Powers & Associates understands that Cornerstone reviewed and relied on the information presented in these reports and cannot be responsible for their accuracy.

This report, an instrument of professional service, was prepared for the sole use of David J. Powers & Associates and may not be reproduced or distributed without written authorization from Cornerstone. It is valid for 180 days. An electronic transmission of this report may also have been issued. While Cornerstone has taken precautions to produce a complete and secure electronic transmission, please check the electronic transmission against the hard copy version for conformity. Cornerstone makes no warranty, expressed or implied, except that our services



have been performed in accordance with the environmental principles generally accepted at this time and location.

## **SECTION 11: REFERENCES**

Jana Sokale, Environmental Planner. September 23, 2002. *Stevens Creek Trail Feasibility Report.* Prepared for City of Cupertino Parks and Recreation Department.





Former McDonald-Dorsa Quarry **Steven Canyon Road** Cupertino, CA

118-40-1

Figure Number

Figure 1

February 2013

Drawn By RRN



Former McDonald-Dorsa Quarry Steven Canyon Road Cupertino, CA

Figure 2

ШД C C



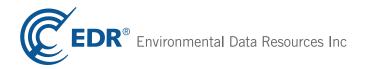
# **APPENDIX A – DATABASE SEARCH REPORT**

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.2s

January 07, 2013

# The EDR Radius Map™ Report with GeoCheck®



# **TABLE OF CONTENTS**

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map	
Map Findings Summary	<b>4</b>
Map Findings	8
Orphan Summary	
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings.	A-8
Physical Setting Source Records Searched	A-10

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

STEVENS CANYON RD CUPERTINO, CA 95014

#### **COORDINATES**

Latitude (North): 37.3045000 - 37° 18' 16.20" Longitude (West): 122.0669000 - 122° 4' 0.84"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582694.3 UTM Y (Meters): 4128856.5

Elevation: 566 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 2009, 2010 Source: USDA

### TARGET PROPERTY SEARCH RESULTS

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

### **DATABASES WITH NO MAPPED SITES**

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

## STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG..... RCRA - Large Quantity Generators RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS_____Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL RESPONSE...... State Response Sites State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Information System State and tribal leaking storage tank lists ..... Statewide SLIC Cases INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists UST...... Active UST Facilities Aboveground Petroleum Storage Tank Facilities INDIAN UST...... Underground Storage Tanks on Indian Land FEMA UST...... Underground Storage Tank Listing State and tribal voluntary cleanup sites

VCP......Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

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

#### Local Lists of Landfill / Solid Waste Disposal Sites

Open Dump Inventory

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

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

SWRCY..... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

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

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

US CDL..... Clandestine Drug Labs HIST Cal-Sites _____ Historical Calsites Database SCH..... School Property Evaluation Program

Toxic Pits...... Toxic Pits Cleanup Act Sites

CDL...... Clandestine Drug Labs

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

#### Local Land Records

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

#### Records of Emergency Release Reports

HMIRS_____ Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System

LDS..... Land Disposal Sites Listing MCS..... Military Cleanup Sites Listing

#### Other Ascertainable Records

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

UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

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

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

FINDS Facility Index System/Facility Registry System RAATS RCRA Administrative Action Tracking System

UIC Listing

NPDES...... NPDES Permits Listing

Cortese Waste & Substances Sites List

WIP..... Well Investigation Program Case List

ENF...... Enforcement Action Listing HAZNET...... Facility and Manifest Data EMI...... Emissions Inventory Data INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

MWMP..... Medical Waste Management Program Listing

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

COAL ASH EPA...... Coal Combustion Residues Surface Impoundments List HWT...... Registered Hazardous Waste Transporter Database

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

US FIN ASSUR_____ Financial Assurance Information

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

PROC..... Certified Processors Database

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

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

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

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

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

## STANDARD ENVIRONMENTAL RECORDS

#### Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 11/02/2012 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STEVENS CREEK QUARRY	12100 STEVENS CANYON RO	WSW 1/4 - 1/2 (0.483 mi.)	B6	15

#### Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CANDESCENT TECHNOLOGIES CORP	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C9	26

#### State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/05/2012 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF CUPERTINO-BLACK BERRY Status: No Further Action	21979 SAN FERNANDO AVE	NNE 1/2 - 1 (0.699 mi.)	7	17
ZILOG INC EXXON Status: Inactive - Needs Evaluation	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C8	21

#### State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/17/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRESSLER PROPERTY Status: Completed - Case Closed	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)	3	10
STEVENS CREEK QUARRY Status: Completed - Case Closed	12100 STEVENS CANYON F	RD WSW 1/4 - 1/2 (0.483 mi.)	B4	12

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 2 HIST LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRESSLER PROPERTY	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)		10
STEVENS CREEK QUARRY	12100 STEVENS CANYON RE	) WSW 1/4 - 1/2 (0.483 mi.)	B4	12

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A1	8

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A2	9

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSEPH EVULICH	10867 LINDA VISTA DR	NE 1/8 - 1/4 (0.238 mi.)	A1	8

#### Other Ascertainable Records

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRESSLER PROPERTY	22110 MCCLELLAN RD	NNE 1/4 - 1/2 (0.421 mi.)	3	10
RICH VOSS TRUCKING INC	12100 STEVENS CANYON RI	D WSW 1/4 - 1/2 (0.483 mi.)	B5	13

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

A review of the HWP list, as provided by EDR, and dated 08/28/2012 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ZILOG INC EXXON	10460 BUBB RD	NE 1/2 - 1 (0.943 mi.)	C8	21

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name Database(s

KAISER CEMENT CORP, PERMA
EXXON R/S 7-0206
KAISER CEMENT CORP PERMANENTE PLAN
KAISER ALUMINUM
ARCO #5333
TEXACO
VIP CLEANERS
KAISER CEMENT CORP PERMANENTE

KAISER CEMENT CORP PERMANENTE STEVENS CREEK QUARRY, INC.

**VIPCLEANERS** 

MARIANI FRUIT PACKING PLANT ORCHAR

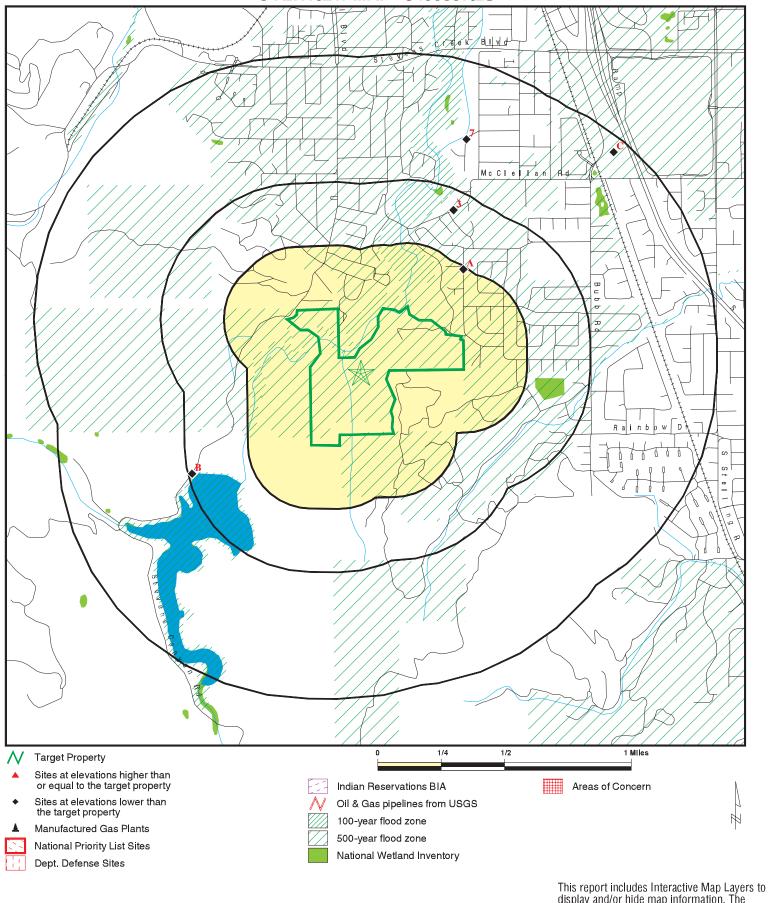
HIST CORTESE, ENVIROSTOR CA FID UST, SWEEPS UST CERCLIS CERC-NFRAP

CERCLIS
CERC-NFRAF
LUST
HIST UST
FINDS
SLIC
MINES

**ENVIROSTOR** 

EMI

# **OVERVIEW MAP - 3488357.2s**



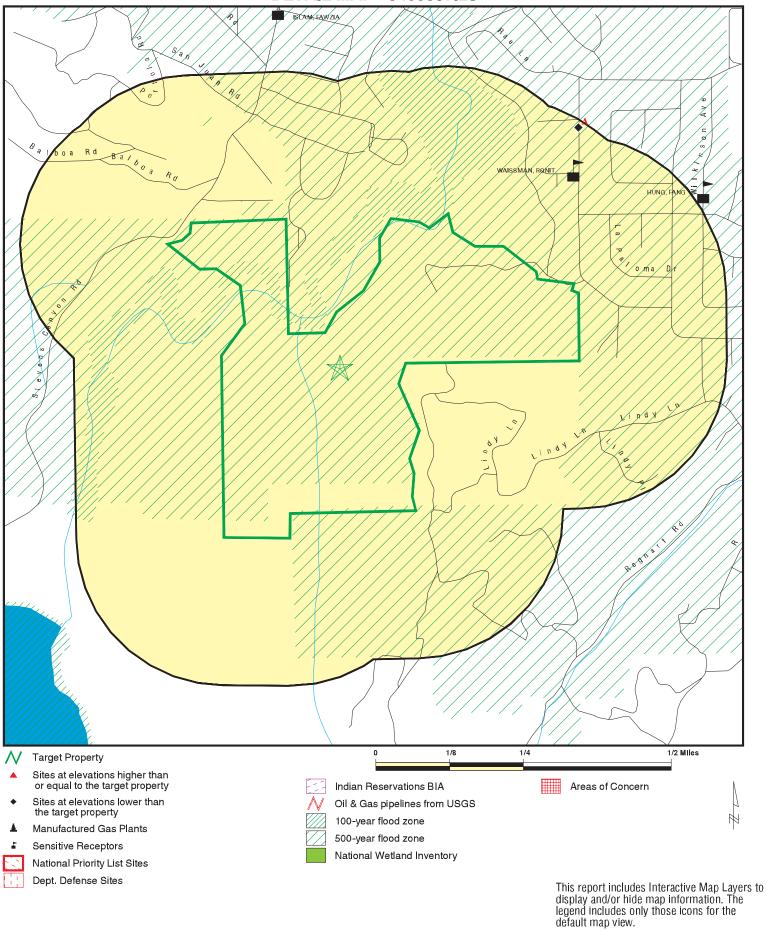
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Phase I ESA
ADDRESS: STEVENS CANYON RD

CLIENT: Cornerstone Earth Group
CONTACT: Stason Foster

Cupertino CA 95014 INQUIRY #: 3488357.2s LAT/LONG: 37.3045 / 122.0669 DATE: January 07, 2013 1:43 pm

# **DETAIL MAP - 3488357.2s**



SITE NAME: Phase I ESA
ADDRESS: STEVENS CANYON RD
Cupertino CA 95014
LAT/LONG: 37.3045 / 122.0669

CLIENT: Cornerstone Earth Group
CONTACT: Stason Foster
INQUIRY #: 3488357.2s
DATE: January 07, 2013 1:45 pm

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

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
SLIC HIST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 2 0	NR NR NR	NR NR NR	0 2 0	
State and tribal registere	ed storage tal	nk lists							
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0	
State and tribal voluntar	y cleanup sit	es							
VCP INDIAN VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0	
ADDITIONAL ENVIRONMEN	ITAL RECORD	<u>s</u>							
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / Solid Waste Disposal Sites									
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0	
Local Lists of Hazardous waste / Contaminated Sites									
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR	0 0 0 0 0	
Local Lists of Registered Storage Tanks									
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	1 1 1	NR NR NR	NR NR NR	NR NR NR	1 1 1	
Local Land Records									
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0	
Records of Emergency Release Reports									
HMIRS CHMIRS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0	

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

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

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

Α1 JOSEPH EVULICH CA FID UST S101624888 NE 10867 LINDA VISTA DR **SWEEPS UST** N/A

1/8-1/4 0.238 mi.

1256 ft. Site 1 of 2 in cluster A

Relative: Lower

CA FID UST:

43011940 Facility ID: UTNKI Regulated By:

Actual: 00059218 Regulated ID: 384 ft. Cortese Code: Not reported SIC Code: Not reported 4086832243

Facility Phone:

CUPERTINO, CA 95014

Mail To: Not reported 14300 MURPHY AVE Mailing Address:

Mailing Address 2: Not reported

**CUPERTINO 95014** Mailing City, St, Zip:

Contact: Not reported Contact Phone: Not reported Not reported **DUNs Number:** NPDES Number: Not reported Not reported EPA ID: Comments: Not reported

SWEEPS UST:

Status:

Not reported Status: Comp Number: 59218 Not reported Number: Board Of Equalization: 44-026430 Ref Date: Not reported Not reported Act Date: Created Date: Not reported Tank Status: Not reported Owner Tank Id: Not reported

43-012-059218-000001 Swrcb Tank Id:

Inactive

Actv Date: Not reported Capacity: 550

Tank Use: M.V. FUEL Stg: **PRODUCT REG UNLEADED** Content:

Number Of Tanks:

Status: Not reported Comp Number: 59218 Number: Not reported Board Of Equalization: 44-026430 Not reported Ref Date: Act Date: Not reported Not reported Created Date: Not reported Tank Status: Owner Tank Id: Not reported

Swrcb Tank Id: 43-012-059218-000002

Actv Date: Not reported Capacity: 550 Tank Use: M.V. FUEL **PRODUCT** Stg: Content: **LEADED** Number Of Tanks: Not reported **EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **JOSEPH EVULICH (Continued)**

S101624888

Status: Not reported 59218 Comp Number: Number: Not reported Board Of Equalization: 44-026430 Ref Date: Not reported Act Date: Not reported Not reported Created Date: Tank Status: Not reported Owner Tank Id: Not reported

Swrcb Tank Id: 43-012-059218-000003

Actv Date: Not reported Capacity: 550 M.V. FUEL Tank Use: Stg: **PRODUCT** Content: **REG UNLEADED** Number Of Tanks: Not reported

Status: Not reported Comp Number: 59218 Not reported Number: Board Of Equalization: 44-026430 Ref Date: Not reported Act Date: Not reported Created Date: Not reported Not reported Tank Status: Owner Tank Id: Not reported

43-012-059218-000004 Swrcb Tank Id:

Actv Date: Not reported Capacity: 550 M.V. FUEL Tank Use: **PRODUCT** Stg: Content: LEADED Number Of Tanks: Not reported

Α2 JOSEPH EVULICH NE 10867 LINDA VISTA DR CUPERTINO, CA 95014 1/8-1/4 0.238 mi.

1256 ft. Site 2 of 2 in cluster A

Relative: Lower

HIST UST: Region:

Facility ID: 00000059218 Actual: Facility Type: Other 384 ft. Other Type: **RENTALS** Total Tanks: 0004

> Contact Name: Not reported 4086832243 Telephone: Owner Name: JOSEPH EVULICH Owner Address: 14300 MURPHY AVE Owner City, St, Zip: SAN MARTIN, CA 95046

STATE

001 Tank Num: Container Num: #1 Year Installed: 1972 Tank Capacity: 00000550 **PRODUCT** Tank Used for: Type of Fuel: UNLEADED HIST UST

U001601000

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**JOSEPH EVULICH (Continued)** 

Tank Construction: Not reported

Leak Detection: None

Tank Num: 002 Container Num: #2 Year Installed: 1972 Tank Capacity: 00000550 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Tank Construction: Not reported Leak Detection: None

003 Tank Num: Container Num: #1 Year Installed: 1982 Tank Capacity: 00000550 Tank Used for: **PRODUCT** UNLEADED Type of Fuel: Tank Construction: Not reported Leak Detection: None

Tank Num: 004 Container Num: #2 Year Installed: 1982 Tank Capacity: 00000550 Tank Used for: **PRODUCT** Type of Fuel: **REGULAR** Tank Construction: Not reported Leak Detection: None

TRESSLER PROPERTY NNE 22110 MCCLELLAN RD **CUPERTINO, CA 95014** 1/4-1/2

0.421 mi. 2222 ft.

CORTESE: Relative:

CORTESE Region: Lower Facility County Code: 43 Actual: **LTNKA** Reg By: 370 ft. Reg Id: 43-2161

LUST:

STATE Region: Global Id: T0608501985 Latitude: 37.3135269 -122.0608993 Longitude: Case Type: **LUST Cleanup Site** Completed - Case Closed Status:

Status Date: 03/12/1997

SANTA CLARA COUNTY LOP Lead Agency:

Case Worker: UST

SANTA CLARA COUNTY LOP Local Agency:

RB Case Number: Not reported LOC Case Number: Not reported

File Location: Stored electronically as an E-file

Potential Media Affect: Soil U001601000

HIST CORTESE

LUST

**HIST LUST** 

S102563431

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### TRESSLER PROPERTY (Continued)

S102563431

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Not reported Site History:

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0608501985

Contact Type: Local Agency Caseworker Contact Name: UST CASE WORKER

Organization Name: SANTA CLARA COUNTY LOP Address: 1555 Berger Drive, Suite 300

SAN JOSE City: Not reported Email: Phone Number: 4089183400

Global Id: T0608501985

Contact Type: Regional Board Caseworker

Contact Name: ZSC

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

OAKLAND City: Email: Not reported Phone Number: Not reported

LUST:

Global Id: T0608501985 Action Type: Other Date: 01/01/1950 Action: Leak Reported

LUST REG 2:

Region:

Facility Id: Not reported Facility Status: Case Closed Case Number: 07S2W22A01f How Discovered: Not reported Leak Cause: Not reported Not reported Leak Source: Not reported Date Leak Confirmed: Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: Not reported Pollution Characterization Began: Not reported Pollution Remediation Plan Submitted: Not reported Date Remediation Action Underway: Not reported Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA SCVWD ID: 07S2W22A01f 03/12/1997 Date Closed:

HIST LUST SANTA CLARA:

Region: SANTA CLARA

Region Code:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

TRESSLER PROPERTY (Continued)

S102563431

SCVWD ID: 07S2W22A01 Oversite Agency: SCVWD

Date Listed: 1997-02-10 00:00:00 Closed Date: 1997-03-12 00:00:00

S101303584 В4 STEVENS CREEK QUARRY LUST **HIST LUST** N/A

wsw 12100 STEVENS CANYON RD 1/4-1/2 UNINCORPORATED, CA 95014

0.483 mi.

Site 1 of 3 in cluster B 2552 ft.

LUST: Relative: Lower Region:

Actual: 551 ft.

STATE Global Id: T0608501377 Latitude: 37.2966224380591 -122.083468437195 Longitude: Case Type: **LUST Cleanup Site** Status: Completed - Case Closed

01/12/1996 Status Date:

Lead Agency: SANTA CLARA COUNTY LOP

Case Worker: UST

Local Agency: SANTA CLARA COUNTY LOP

RB Case Number: Not reported LOC Case Number: Not reported

File Location: Stored electronically as an E-file

Potential Media Affect: Soil Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0608501377

Local Agency Caseworker Contact Type: Contact Name: **UST CASE WORKER** Organization Name: SANTA CLARA COUNTY LOP Address: 1555 Berger Drive, Suite 300

SAN JOSE City: Not reported Email: 4089183400 Phone Number:

Global Id: T0608501377

Contact Type: Regional Board Caseworker

Contact Name: ZSC

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND Email: Not reported Phone Number: Not reported

LUST:

Global Id: T0608501377 Action Type: Other Date: 01/01/1950 Action: Leak Reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### STEVENS CREEK QUARRY (Continued)

S101303584

LUST REG 2:

Region:

Facility Id: Not reported Facility Status: Case Closed Case Number: 07S2W28B01f How Discovered: Not reported Leak Cause: Not reported Leak Source: Not reported Date Leak Confirmed: Not reported

Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: Not reported Pollution Characterization Began: Not reported Pollution Remediation Plan Submitted: Not reported Date Remediation Action Underway: Not reported Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

SANTA CLARA Region: SCVWD ID: 07S2W28B01f Date Closed: 01/12/1996

HIST LUST SANTA CLARA:

SANTA CLARA Region:

Region Code:

SCVWD ID: 07S2W28B01 Oversite Agency: SCVWD

Date Listed: 1996-01-12 00:00:00 Closed Date: 1996-01-12 00:00:00

**RICH VOSS TRUCKING INC** wsw 12100 STEVENS CANYON RD **CUPERTINO, CA 95014** 1/4-1/2

Site 2 of 3 in cluster B

0.483 mi.

NPDES: Relative:

**B5** 

2552 ft.

CAS000001 Npdes Number: Lower Active

Facility Status: Actual: Agency Id: 0 551 ft. Region: 2

> Regulatory Measure Id: 183883 97-03-DWQ Order No: Regulatory Measure Type: Enrollee Place Id: Not reported 2 431006687 WDID:

> Program Type: Industrial Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: 05/01/1992 Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported

Discharge Name: Stevens Creek Quarry Discharge Address: 12100 Stevens Canyon Rd

Discharge City: Cupertino Discharge State: California Discharge Zip: 95014

S105023468

N/A

**NPDES** 

**HAZNET** 

**HWT** 

**HIST CORTESE** 

Direction Distance

Elevation Site Database(s) EPA ID Number

### RICH VOSS TRUCKING INC (Continued)

S105023468

**EDR ID Number** 

CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1402

HAZNET:

Year: 2011

Gepaid: CAR000203935 Contact: STEVEN R MARTINI

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950140000

Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.075 Facility County: Santa Clara

Year: 2011

Gepaid: CAL000011647

Contact: DIANA VOSS MANAGER

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950145415

Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.05 Facility County: Santa Clara

Year: 2010

Gepaid: CAL000011647

Contact: DIANA VOSS MANAGER

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City,St,Zip: CUPERTINO, CA 950145415

Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.0714 Facility County: Santa Clara

Year: 2010

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

RICH VOSS TRUCKING INC (Continued)

Gepaid: CAL000011647

DIANA VOSS MANAGER Contact:

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City, St, Zip: CUPERTINO, CA 950145415

Gen County: Not reported TSD EPA ID: CA0000084517 TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.0924 Facility County: Santa Clara

Year: 2010

Gepaid: CAL000011647

DIANA VOSS MANAGER Contact:

Telephone: 4082532512 Mailing Name: Not reported

Mailing Address: 12100 STEVENS CANYON RD Mailing City, St, Zip: CUPERTINO, CA 950145415

Gen County: Not reported TSD EPA ID: CAD980887418 TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.075 Facility County: Santa Clara

> Click this hyperlink while viewing on your computer to access 13 additional CA_HAZNET: record(s) in the EDR Site Report.

HWT:

Reg Num: 5881 Expiration Date: 02/28/2013

В6 STEVENS CREEK QUARRY **CERCLIS** 1014915216 **WSW** 12100 STEVENS CANYON ROAD CAN000909322

1/4-1/2 CUPERTINO, CA 95014

0.483 mi.

551 ft.

2552 ft. Site 3 of 3 in cluster B

CERCLIS: Relative:

Site ID: 0909322 Lower EPA ID: CAN000909322 Actual: SANTA CLARA Facility County:

Short Name: STEVENS CREEK QUARRY

Congressional District: Not reported IFMS ID: Not reported SMSA Number: Not reported USGC Hydro Unit: Not reported

Not a Federal Facility Federal Facility:

DMNSN Number: 0.00000 Site Orphan Flag: Not reported Not reported RCRA ID:

S105023468

Direction Distance

Elevation Site Database(s) EPA ID Number

### STEVENS CREEK QUARRY (Continued)

1014915216

**EDR ID Number** 

USGS Quadrangle: Not reported

Site Init By Prog:

NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported

EPA Region: 09

Classification:

Site Settings Code:

Not reported

Not reported

Not on the NPL

DMNSN Unit Code:

RBRAC Code:

RResp Fed Agency Code:

Not reported

Not reported

Not reported

Not reported

Not reported

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Non NPL Status Date: 05/31/12
Site Fips Code: 06085
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

 Contact ID:
 13003854.00000

 Contact Name:
 Leslie Ramirez

 Contact Tel:
 (415) 972-3978

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

 Contact ID:
 13003858.00000

 Contact Name:
 Sharon Murray

 Contact Tel:
 (415) 972-4250

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported

Contact Title: Site Assessment Manager (SAM)

Contact Email: Not reported

Alias Comments: Not reported

Site Description: Not reported

**CERCLIS Assessment History:** 

Action Code: 001

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/18/11
Priority Level: Not reported
Operable Unit: SITEWIDE

Primary Responsibility: EPA Fund-Financed

Planning Status: Not reported Urgency Indicator: Not reported Action Anomaly: Not reported

Action Code: 001

Direction Distance

Distance Elevation Site EDR ID Number Database(s) EPA ID Number

#### STEVENS CREEK QUARRY (Continued)

1014915216

Action: PRELIMINARY ASSESSMENT

Date Started: 05/18/11 Date Completed: 05/31/12

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

_____

7 CITY OF CUPERTINO-BLACK BERRY FARM VCP \$109424762

NNE 21979 SAN FERNANDO AVE HAZNET N/A 1/2-1 CUPERTINO, CA 95014 ENVIROSTOR

0.699 mi. 3693 ft.

Relative: VCP:

Lower Facility ID: 60001205

Site Type: Voluntary Cleanup

Actual: Site Type Detail: Voluntary Cleanup

349 ft. Site Mgmt. Req.: NONE SPECIFIED

Acres: 0.08
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program

Project Manager: Mark Piros
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: Not reported

Assembly: 28 Senate: 15

Special Programs Code: Not reported
Status: No Further Action
Status Date: 11/10/2009
Restricted Use: NO

 Funding:
 Responsible Party

 Lat/Long:
 37.31610 / -122.0610

 APN:
 NONE SPECIFIED

 Past Use:
 AGRICULTURAL - ORCHARD

 Potential COC:
 30007, 30008, 30013, 30023

 Confirmed COC:
 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name
Alias Name: 60001205

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 11/10/2009

Comments: Soil samples were collected from within the footprint of a proposed

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health

Direction Distance

Elevation Site Database(s) EPA ID Number

### CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

**EDR ID Number** 

risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the excavated soil was disposed at a permitted, off-site Class II landfill. The Soil Removal Completion Report presents the results of soil sampling and documents the soil removal. DTSC issued a no further action letter to the City of Cupertino based on the information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

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

HAZNET:

Year: 2011

Gepaid: CAL000318874

Contact: SHAWN TOGNETTI/HAZ MAT. TECH.

Telephone: 4087771357 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported

Waste Category: Asbestos containing waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.4

Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Other inorganic solid waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.05 Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

Mailing Name: Not reported 10555 MARY AVE Mailing Address:

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Contaminated soil from site clean-up

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To

Include On-Site Treatment And/Or Stabilization)

Tons: 63.72 Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874 Contact: TOM WALTERS Telephone: 4087773129 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara CAD980887418 TSD EPA ID: TSD County: Alameda

Unspecified oil-containing waste Waste Category:

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

0.2 Tons:

Facility County: Santa Clara

Year: 2007

CAL000318874 Gepaid: TOM WALTERS Contact: Telephone: 4087773129 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

CUPERTINO, CA 950140000 Mailing City, St, Zip:

Gen County: Santa Clara TSD EPA ID: CAD044429835 TSD County: Los Angeles

Waste Category: Alkaline solution without metals pH >= 12.5

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.1

Facility County: Santa Clara

> Click this hyperlink while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

**ENVIROSTOR:** 

Voluntary Cleanup Site Type: Site Type Detailed: Voluntary Cleanup

0.08 Acres: NPL: NO Regulatory Agencies: **SMBRP SMBRP** Lead Agency: Program Manager: Mark Piros Supervisor: Barbara Cook Division Branch: Cleanup Berkeley

Direction Distance

Elevation Site Database(s) EPA ID Number

#### CITY OF CUPERTINO-BLACK BERRY FARM (Continued)

S109424762

**EDR ID Number** 

Facility ID: 60001205 Site Code: Not reported

Assembly: 28 Senate: 15

Special Program: Not reported
Status: No Further Action
Status Date: 11/10/2009

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Responsible Party

Latitude: 37.31610 Longitude: -122.0610

APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD

Potential COC: 30007, 30008, 30013, 30023 Confirmed COC: 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name
Alias Name: 60001205

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 11/10/2009

Comments: Soil samples were collected from within the footprint of a proposed

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the excavated soil was disposed at a permitted, off-site Class II landfill. The Soil Removal Completion Report presents the results

of soil sampling and documents the soil removal. DTSC issued a no further action letter to the City of Cupertino based on the information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

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

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

C8 ZILOG INC EXXON SLIC U001601015
NE 10460 BUBB RD SLIC U001601015
HIST UST N/A

1/2-1 CUPERTINO, CA 95014

HAZNET ENVIROSTOR HWP

0.943 mi.

4978 ft. Site 1 of 2 in cluster C

Relative: SLIC: Lower Re

Region: STATE

Facility Status: Completed - Case Closed

 Actual:
 Status Date:
 02/06/2012

 325 ft.
 Global Id:
 T0608591673

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)

Lead Agency Case Number: Not reported Latitude: 37.302688 Longitude: -122.050181

Case Type: Cleanup Program Site

Case Worker:
Local Agency:
RB Case Number:
File Location:
Potential Media Affected:
UUU
Not reported
43S0712
Not reported
Under Investigation

Potential Contaminants of Concern: * Solvents Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Region: STATE Facility ID: 00000020439

Facility Type: Other

Other Type: SEMICONDUCTOR

Total Tanks: 0005

Contact Name: Not reported
Telephone: 4083708000
Owner Name: ZILOG, INC.
Owner Address: 1315 DELL AVE.
Owner City,St,Zip: CAMPBELL, CA 95008

Tank Num: 001 Container Num: 1

Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported
Leak Detection: Visual

002 Tank Num: Container Num: 2 1976 Year Installed: Tank Capacity: 00000600 WASTE Tank Used for: Type of Fuel: Not reported Tank Construction: Not reported Vapor Sniff Well Leak Detection:

Tank Num: 003 Container Num: 3 Year Installed: 1979

Direction Distance

Elevation Site Database(s) EPA ID Number

## ZILOG INC EXXON (Continued)

U001601015

**EDR ID Number** 

Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

Leak Detection: Vapor Sniff Well, Sensor Instrument

Tank Num: 005
Container Num: 5
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: Not reported

Leak Detection: Vapor Sniff Well, Sensor Instrument

HAZNET:

Year: 2008

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: NVT330010000

TSD County: 99

Waste Category: Off-specification, aged or surplus organics

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.2 Facility County: Santa Clara

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: CAD982411993
TSD County: Alameda

Waste Category: Other inorganic solid waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.31 Facility County: Santa Clara

Direction Distance

Elevation Site Database(s) EPA ID Number

### **ZILOG INC EXXON (Continued)**

U001601015

**EDR ID Number** 

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: NVT330010000

TSD County: 99

Waste Category: Off-specification, aged or surplus organics

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.15 Facility County: Santa Clara

Year: 2007

Gepaid: CAL000325182
Contact: LES ROBINSON
Telephone: 4083464478
Mailing Name: Not reported
Mailing Address: 10460 BUBB RD
Mailing City,St,Zip: CUPERTINO, CA 95014

Gen County: Santa Clara
TSD EPA ID: TXD077603371

TSD County: 99

Waste Category: Other inorganic solid waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0

Facility County: Santa Clara

## ENVIROSTOR:

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

NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Facility ID: 71002580
Site Code: Not reported

Assembly: 28 Senate: 15

Special Program: Not reported

Status: Inactive - Needs Evaluation

Status Date: Not reported

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Not reported Latitude: 37.31663 Longitude: -122.0499

APN: NONE SPECIFIED Past Use: NONE SPECIFIED Potential COC: NONE SPECIFIED

Distance

Elevation Site Database(s) EPA ID Number

### **ZILOG INC EXXON (Continued)**

U001601015

**EDR ID Number** 

Confirmed COC: NONE SPECIFIED NONE SPECIFIED NONE SPECIFIED Alias Name: CAD076314459

Alias Type: EPA Identification Number

Alias Name: 71002580

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Comments: Not reported Not reported Not reported Not reported

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

Site Type: Corrective Action
Site Type Detailed: Corrective Action

Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM

Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Facility ID: 80001679
Site Code: 520046
Assembly: 28

Senate: 15

Special Program: Not reported

Status: Inactive - Needs Evaluation

Status Date: 01/01/2008

Restricted Use: NO

NONE SPECIFIED Site Mgmt. Req.: Funding: Not reported Latitude: 37.31621 Longitude: -122.0492 APN: 357-20-037 NONE SPECIFIED Past Use: Potential COC: NONE SPECIFIED Confirmed COC: NONE SPECIFIED NONE SPECIFIED Potential Description:

Alias Name: Zilog

Alias Type: Alternate Name
Alias Name: 357-20-037
Alias Type: APN

Alias Name: CAD076314459

Alias Type: EPA Identification Number

Alias Name: 520046

Alias Type: Project Code (Site Code)

Direction Distance Elevation

Elevation Site Database(s) EPA ID Number

**ZILOG INC EXXON (Continued)** 

U001601015

**EDR ID Number** 

Alias Name: 80001679

Alias Type: Envirostor ID Number

Completed Info:

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

Completed Document Type: Preliminary Assessment Report

Completed Date: 11/01/1987 Comments: Not reported

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

Completed Document Type: RCRA Facility Assessment Report

Completed Date: 07/21/1998

Comments: RCRA Facility Assessment Completed, site formerly known as Zilog, Inc.

Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed

Completed Date: 07/12/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Other Instrument
Od/10/2007
Comments: Not reported

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

Completed Document Type: Groundwater Migration Controlled

Completed Date: 04/10/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
07/12/2007
Comments: Not reported

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

Completed Document Type: Human Exposure Controlled

Completed Date: 04/10/2007 Comments: Not reported

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

Direction Distance

Elevation Site Database(s) EPA ID Number

**ZILOG INC EXXON (Continued)** 

U001601015

**EDR ID Number** 

HWP:

EPA Id: CAD076314459
Latitude: 37.32045
Longitude: -122.0507

Facility Type: Historical - Non-Operating

Cleanup Status: CLOSED
Supervisor: Not reported
Site Code: 520046
Assembly District: 28
Senate District: 15

Public Information Officer: Not reported

Closure:

EPA Id: CAD076314459

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1, TANKSTR1, TANKTRT1

Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION

Actual Date: 10/13/1988

EPA ld: CAD076314459

Facility Type: Historical - Non-Operating

Unit Names: CONTAIN1, TANKSTR1, TANKTRT1

Event Description: Closure Final - ISSUE CLOSURE VERIFICATION

Actual Date: 10/13/1988

Alias:

EPA ld: CAD076314459

Facility Type: Historical - Non-Operating Alias Type: Project Code (Site Code)

Alias: 520046

C9 CANDESCENT TECHNOLOGIES CORP RCRA-TSDF 1000332458
NE 10460 BUBB RD CERC-NFRAP CAD076314459

1/2-1 CUPERTINO, CA 95014 0.943 mi.

 0.943 mi.
 RCRA-NonGen

 4978 ft.
 Site 2 of 2 in cluster C
 FINDS

 2020 COR ACTION

Relative:

Lower RCRA-TSDF:

Date form received by agency: 03/03/1997

Actual: Facility name: CANDESCENT TECHNOLOGIES CORP

325 ft. Facility address: 10460 BUBB RD

CUPERTINO, CA 95014 CAD076314459

EPA ID: CAD076314459
Contact: AGATA SULCZYNSKI
Contact address: 6580 VIA DEL ORO
SAN JOSE, CA 95119

Contact country: US

Contact telephone: (408) 229-6150 Contact email: Not reported

EPA Region: 09 Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

CORRACTS

Direction Distance Elevation

tance EDR ID Number evation Site Database(s) EPA ID Number

#### **CANDESCENT TECHNOLOGIES CORP (Continued)**

1000332458

Owner/Operator Summary:

Owner/operator name: BERG AND BERG DEVELOPERS

Owner/operator address: 10050 BANDLEY DR

CUPERTINO, CA 95014

Owner/operator country: Not reported Owner/operator telephone: (408) 725-0700

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ZILOG INC

Owner/operator address: 1315 DELL AVENUE

NOT REQUIRED, CA 99999

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996

Facility name: CANDESCENT TECHNOLOGIES CORP

Classification: Small Quantity Generator

Corrective Action Summary:

Event date: 11/01/1987 Event: CA049PA

Event date: 11/01/1987 Event: CA074LO

Event date: 11/01/1987

Event: CA Prioritization, Facility or area was assigned a low corrective

action priority.

Event date: 01/01/1990

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

### **CANDESCENT TECHNOLOGIES CORP (Continued)**

1000332458

Event: CA029ST

Event date: 04/10/2007

Event: Current Human Exposures under Control, Yes, Current Human Exposures

Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant

changes at the facility.

Event date: 04/10/2007

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of

Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of

significant changes at the facility.

Event date: 04/10/2007

Event: Current Human Exposures under Control, Yes, Current Human Exposures

Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant

changes at the facility.

Event date: 04/10/2007

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of

Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of

significant changes at the facility.

 Event date:
 07/12/2007

 Event:
 CA550RC

Event date: 07/12/2007

Event: Date For Remedy Selection (CM Imposed)

Event date: 07/12/2007 Event: CA550RC

Event date: 07/12/2007

Event: Date For Remedy Selection (CM Imposed)

Event date: 09/24/2009

Map ID MAP FINDINGS

Direction Distance Elevation

levation Site Database(s) EPA ID Number

### **CANDESCENT TECHNOLOGIES CORP (Continued)**

1000332458

**EDR ID Number** 

Event: CA800YE

Violation Status: No violations found

CERC-NFRAP:

Site ID: 0901588

Federal Facility: Not a Federal Facility NPL Status: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**CERCLIS-NFRAP Site Contact Details:** 

Contact Sequence ID: 13052963.00000 Person ID: 9271184.00000

Contact Sequence ID: 13286165.00000 Person ID: 13003854.00000

Contact Sequence ID: 13291760.00000 Person ID: 13003858.00000

Contact Sequence ID: 13297618.00000 Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1986
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/01/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported
Date Completed: 11/01/1987

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 04/10/2007

Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human

Exposures Under Control has been verified

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 04/10/2007

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,

Map ID MAP FINDINGS

Distance

Elevation Site Database(s) EPA ID Number

### **CANDESCENT TECHNOLOGIES CORP (Continued)**

1000332458

**EDR ID Number** 

Migration of Contaminated Groundwater Under Control has been verified

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: SOLVENT TANK
Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: DRUM STORAGE AREA

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY

Actual Date: 07/12/2007

Action: CA400 - Date For Remedy Selection (CM Imposed)

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ENTIRE FACILITY
Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: SPILL CONTAINMENT TANKS

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: ACID NEUTRALIZATION SYSTEM

Actual Date: 07/12/2007
Action: CA550RC
NAICS Code(s): Not reported
Original schedule date: Not reported

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## **CANDESCENT TECHNOLOGIES CORP (Continued)**

1000332458

Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: **GASOLINE TANK** 07/12/2007 Actual Date: CA550RC Action: NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459

EPA Region: 09

Area Name: **ENTIRE FACILITY** Actual Date: 09/24/2009 Action: CA800YE NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: CAD076314459 EPA Region: 09 Area Name: **ENTIRE FACILITY** 

Actual Date: 11/01/1987

CA075LO - CA Prioritization, Facility or area was assigned a low Action:

corrective action priority

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

### FINDS:

Registry ID: 110032746125

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

## 2020 COR ACTION:

EPA ID: CAD076314459

Region:

Action: Remedy Constructed Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CUPERTINO	S100183052	MARIANI FRUIT PACKING PLANT ORCHAR	CORNER OF DEANZA BLVD & HWY 2	95014	ENVIROSTOR
CUPERTINO	U001601016	TEXACO	10002 N. HWY 9 / STEVENS CRE	95014	HIST UST
CUPERTINO	S101594613	EXXON R/S 7-0206	10002 N HWY 9	95014	CA FID UST, SWEEPS UST
CUPERTINO	1003879309	KAISER ALUMINUM	PERMANENTE RD	95014	CERC-NFRAP
CUPERTINO	S110655345	ARCO #5333	STEVENS CRK & STELLING RD	95014	LUST
CUPERTINO	S106162427	KAISER CEMENT CORP PERMANENTE	UNKNOWN STEVENS CREEK BLVD W	95014	SLIC
PERMANENTE	S101482325	KAISER CEMENT CORP, PERMA	2401 STEVENS CREEK BLVD	95014	HIST CORTESE, ENVIROSTOR
PERMANENTE	1015730618	KAISER CEMENT CORP PERMANENTE PLAN	W TERMINUS OF STEVENS CR BLVD	95014	CERCLIS
SANTA CLARA COUNTY	M300006427	STEVENS CREEK QUARRY, INC.	STEVENS CREEK QUARRY		MINES
SARATOGA	1014678994	V I P CLEANERS	12840A SARATOG & SUNNYVALE RD	95070	FINDS
SARATOGA	S109282908	V I P CLEANERS	12840A SARATOGA / SUNNYVALE	95070	EMI

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA

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

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

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

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

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 70

Source: EPA Telephone: N/A

Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

#### Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

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

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012

Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Number of Days to Update: 104

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

Source: Environmental Protection Agency

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/15/2012

Number of Days to Update: 31

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Telephone: 202-267-2180 Last EDR Contact: 01/04/2013

Number of Days to Update: 72

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

Source: National Response Center, United States Coast Guard

### State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Number of Days to Update: 24

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

Source: Department of Toxic Substances Control

State- and tribal - equivalent CERCLIS

#### **ENVIROSTOR:** EnviroStor Database

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 46

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

### State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

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

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board Telephone: see region list

Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

#### LUST REG 3: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 14

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

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

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

### LUST REG 4: Underground Storage Tank Leak List

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

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

Number of Days to Update: 35

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

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

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

### LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

### LUST REG 5: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 9

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

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

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

### LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

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

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

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

### LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 22

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

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

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

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 18

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

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

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

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 30

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

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

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

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

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

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

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

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

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

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

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

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

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

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

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012 Number of Days to Update: 39

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Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 07/26/2012 Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

### State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

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

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-5092 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

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

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/03/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/12/2012

Number of Days to Update: 23

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 11/15/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 12/14/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

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

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 54

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

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

Number of Days to Update: 21

Source: Department of Toxic Substance Control

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

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

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

### Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

### DEED: Deed Restriction Listing

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

Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 03/28/2012 Date Data Arrived at EDR: 05/01/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 24

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

### Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/06/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

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

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site

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

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA,

TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

Number of Days to Update: 25

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

Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

#### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

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

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

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

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

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/14/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 12/21/2012

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

Number of Days to Update: 76

Source: Department of Toxic Substances Control

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

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: No Update Planned

**DRYCLEANERS: Cleaner Facilities** 

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

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

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 12/10/2012

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

WIP: Well Investigation Program Case List

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

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

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 08/15/2011 Date Data Arrived at EDR: 08/23/2011 Date Made Active in Reports: 10/03/2011

Number of Days to Update: 41

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 02/11/2013

Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

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

Number of Days to Update: 14

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

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

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

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

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013

Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/16/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/28/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

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

Number of Days to Update: 28

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

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

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2012

Next Scheduled EDR Contact: 11/26/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

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

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/18/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 32

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

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

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

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

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

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/02/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

#### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Source: EDR, Inc.

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

Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

### **COUNTY RECORDS**

### ALAMEDA COUNTY:

### Contaminated Sites

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

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 11/07/2012

Telephone: 510-567-6700

Number of Days to Update: 26

Last EDR Contact: 12/28/2012 Next Scheduled EDR Contact: 04/15/2013

Data Release Frequency: Semi-Annually

Source: Alameda County Environmental Health Services

Source: Alameda County Environmental Health Services

### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 10/24/2012

Telephone: 510-567-6700

Number of Days to Update: 12

Last EDR Contact: 12/28/2012 Next Scheduled EDR Contact: 04/15/2013

Data Release Frequency: Semi-Annually

### **BUTTE COUNTY:**

**CUPA Facility Listing** Cupa facility list.

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

Number of Days to Update: 27

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013

Data Release Frequency: Varies

### COLUSA COUNTY:

**CUPA Facility List** 

Cupa facility list.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Varies

#### CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 10/10/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 27

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Semi-Annually

#### EL DORADO COUNTY:

**CUPA Facility List** 

CUPA facility list.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013

Data Release Frequency: Varies

#### FRESNO COUNTY:

**CUPA Resources List** 

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 10/28/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/10/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

### IMPERIAL COUNTY:

**CUPA Facility List** 

Cupa facility list.

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

Number of Days to Update: 40

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 10/04/2012

Next Scheduled EDR Contact: 11/12/2012 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

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

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

KERN COUNTY:

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

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

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

**CUPA Facility List** 

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

Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 07/12/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 56

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/28/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/16/2012

Next Scheduled EDR Contact: 10/26/2012 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012 Date Data Arrived at EDR: 10/23/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 38

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 10/23/2012

Next Scheduled EDR Contact: 02/04/2013

Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

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

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013

Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 12/29/2011 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 19

Source: Community Health Services

Telephone: 323-890-7806 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012 Date Data Arrived at EDR: 10/25/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 36

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 19

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 10/15/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

#### **CUPA Facility List**

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

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012 Date Data Arrived at EDR: 07/31/2012 Date Made Active in Reports: 09/14/2012

Number of Days to Update: 45

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Semi-Annually

### MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

### MONTEREY COUNTY:

**CUPA Facility Listing** 

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

### NAPA COUNTY:

Sites With Reported Contamination

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

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

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

#### **NEVADA COUNTY:**

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Varies

#### **ORANGE COUNTY:**

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/15/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 18

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

### PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

### RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

#### SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 22

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 10/09/2012

Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

#### SAN BERNARDINO COUNTY:

**Hazardous Material Permits** 

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

Date of Government Version: 08/29/2012 Date Data Arrived at EDR: 08/30/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/26/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Varies

**Environmental Case Listing** 

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

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

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

**Local Oversite Facilities** 

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

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 28

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

**CUPA Facility List** 

Cupa Facility List.

Date of Government Version: 09/24/2012 Date Data Arrived at EDR: 09/25/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 38

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

#### SAN MATEO COUNTY:

**Business Inventory** 

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

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 09/13/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

#### SANTA BARBARA COUNTY:

**CUPA Facility Listing** 

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

#### SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

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

LOP Listing

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

Date of Government Version: 09/04/2012 Date Data Arrived at EDR: 09/06/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 19

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

#### SANTA CRUZ COUNTY:

#### **CUPA Facility List**

CUPA facility listing.

Date of Government Version: 08/23/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

#### SHASTA COUNTY:

#### **CUPA Facility List**

Cupa Facility List.

Date of Government Version: 08/22/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 36

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

#### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

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

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012 Date Data Arrived at EDR: 10/09/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 14

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### SONOMA COUNTY:

# Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/03/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 20

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

#### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/11/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 22

Telephone: 530-822-7500 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

Source: Sutter County Department of Agriculture

#### **VENTURA COUNTY:**

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/21/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

#### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

#### Medical Waste Program List

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

Date of Government Version: 10/29/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 27

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 09/20/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 33

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 19

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Annually

#### YUBA COUNTY:

**CUPA Facility List** 

CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/16/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 48

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/18/2013

Data Release Frequency: Varies

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/16/2012

Next Scheduled EDR Contact: 01/28/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

acility.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 12/11/2012

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/07/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

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

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

PHASE I ESA STEVENS CANYON RD CUPERTINO, CA 95014

# TARGET PROPERTY COORDINATES

Latitude (North): 37.3045 - 37° 18' 16.20" Longitude (West): 122.0669 - 122° 4' 0.84"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582694.3 UTM Y (Meters): 4128856.5

Elevation: 566 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

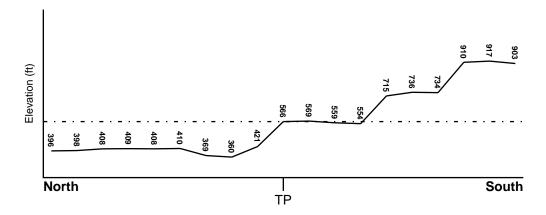
#### **TOPOGRAPHIC INFORMATION**

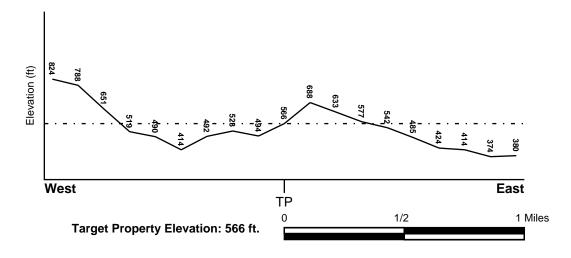
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County SANTA CLARA, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06085C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

**CUPERTINO** 

YES - refer to the Overview Map and Detail Map

#### **HYDROGEOLOGIC INFORMATION**

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

#### Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 The state of the

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Pliocene

Code: Tpc (decoded above as Era, System & Series)

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

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information											
	Boui	ndary		Classif	ication						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)				
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00				

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - loam

clay

Surficial Soil Types: gravelly - loam

clay

Shallow Soil Types: clay loam

clay

Deeper Soil Types: unweathered bedrock

# LOCAL / REGIONAL WATER AGENCY RECORDS

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

## WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

# FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

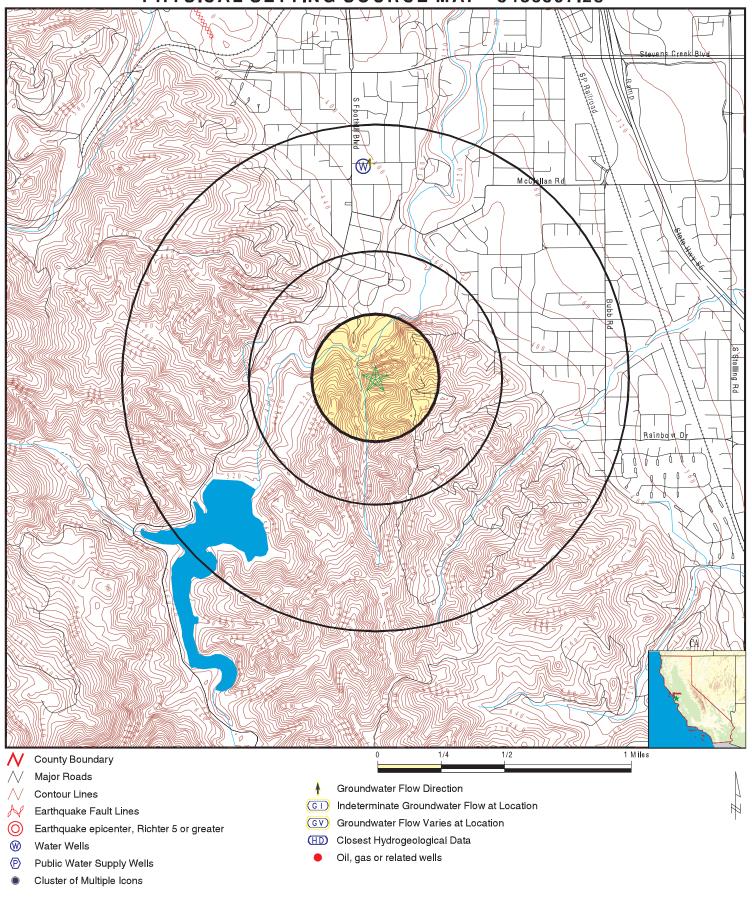
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

7851 1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 3488357.2s



SITE NAME: Phase I ESA ADDRESS: STEVENS CANYON RD

Cupertino CA 95014 LAT/LONG: 37.3045 / 122.0669

Cornerstone Earth Group

CLIENT: Cornerstone E CONTACT: Stason Foster

INQUIRY#: 3488357.2s

January 07, 2013 1:45 pm DATE:

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

North CA WELLS 7851

1/2 - 1 Mile Lower

Water System Information:

Prime Station Code: 07S/02W-22A01 M User ID: HEN FRDS Number: 4310018004 County: Santa Clara

District Number: 05 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY/G

Water Type: Well/Groundwater Well Status: Abandoned Source Lat/Long: 371900.0 1220400.0 Precision: Undefined

Source Name: PIPE GALLERY WELL 01 - ABANDONED

System Number: 4310018
System Name: City of Cupertino
Organization That Operates System:

10300 TORRE AVE CUPERTINO, CA 95014

Pop Served: 18200 Connections: 4199

Area Served: CUPERTINO

# GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
	<del></del>	
95014	43	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95014

Number of sites tested: 3

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 0.267 pCi/L Living Area - 1st Floor 100% 0% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

#### STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Health Services

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

#### RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones** 

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

# OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

#### STREET AND ADDRESS INFORMATION

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# APPENDIX B - HISTORIC AERIAL PHOTOGRAPHS AND TOPOGRAPHIC MAPS

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.5

January 09, 2013

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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# **Date EDR Searched Historical Sources:**

Aerial Photography January 09, 2013

# **Target Property:**

STEVENS CANYON RD

Cupertino, CA 95014

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Aero
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	Cartwright
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	NASA
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	EDR
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	EDR
1999	Aerial Photograph. Scale: 1"=500'	Flight Year: 1999	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR





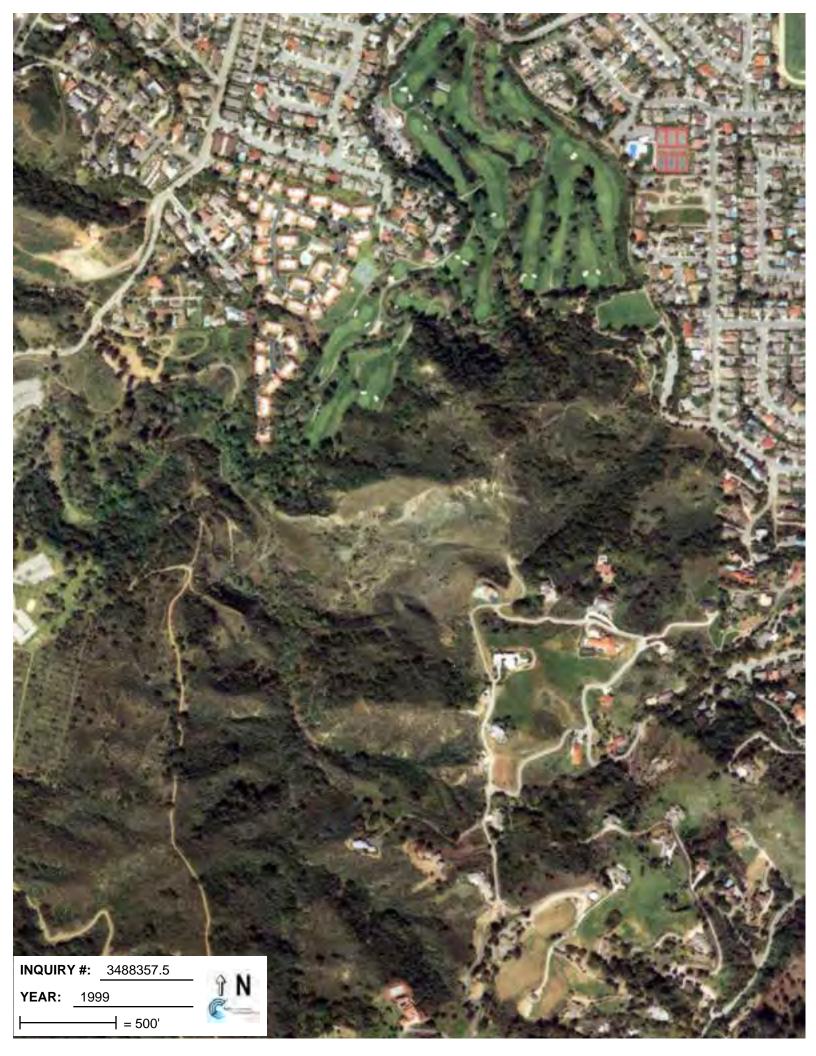




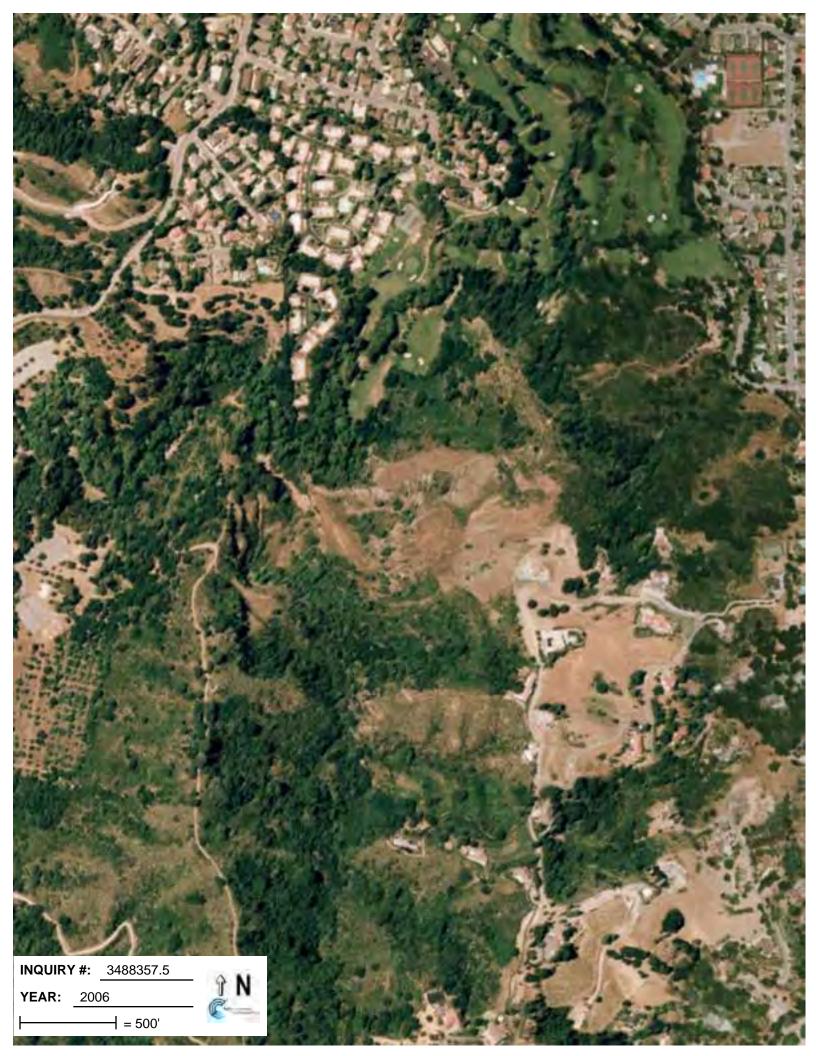












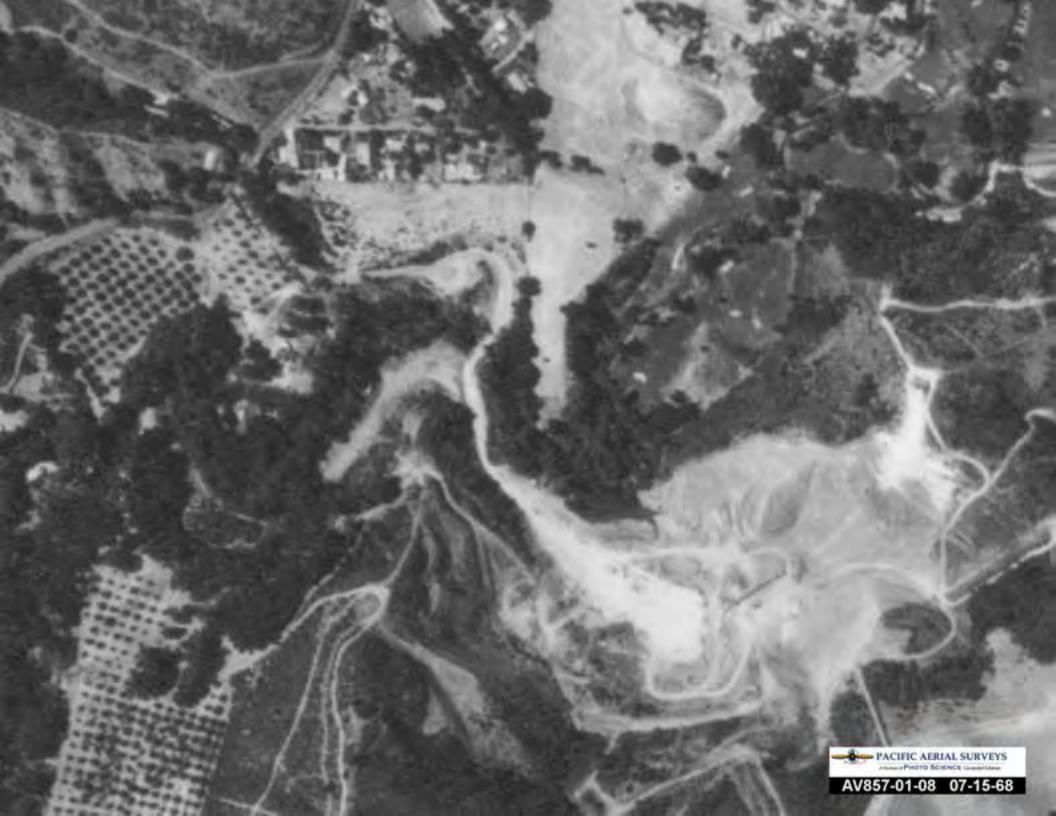


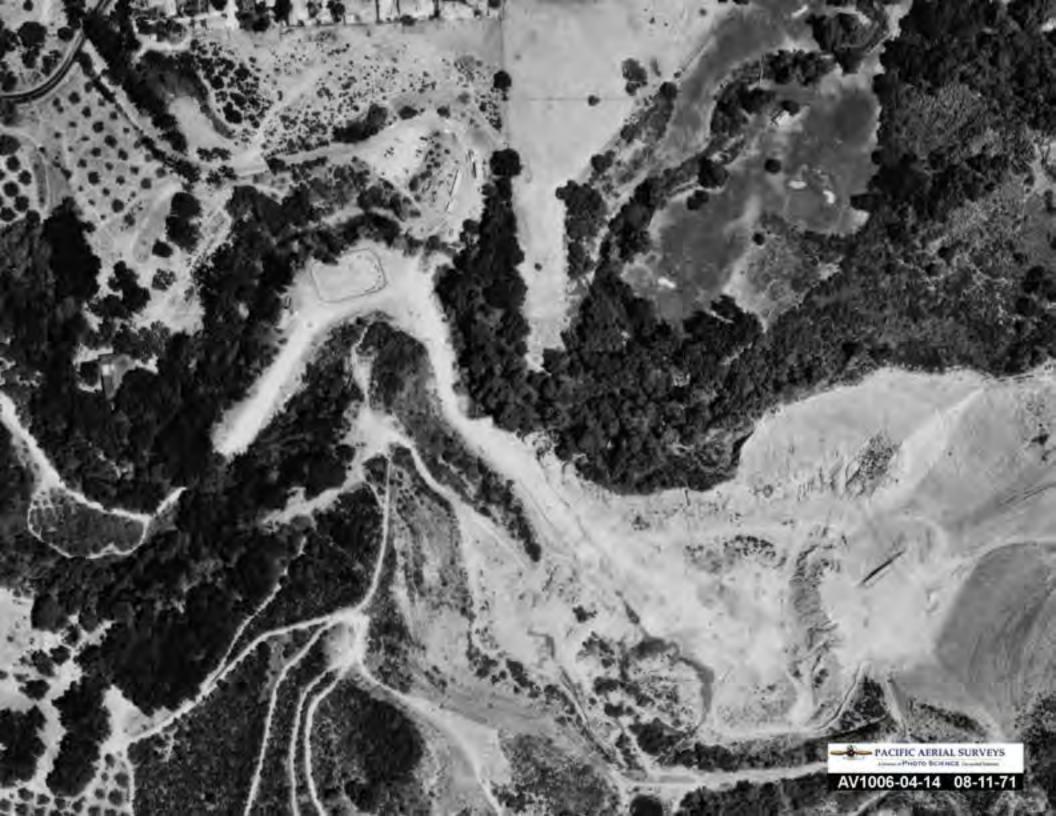
















Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.3

January 07, 2013

# **Certified Sanborn® Map Report**



## **Certified Sanborn® Map Report**

1/07/13

Site Name: Client Name:

Phase I ESA Cornerstone Earth Group STEVENS CANYON RD 1259 Oakmead Parkway Cupertino, CA 95014 Sunnyvale, CA 94085

EDR Inquiry # 3488357.3 Contact: Stason Foster



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Cornerstone Earth Group were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

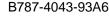
#### Certified Sanborn Results:

Site Name: Phase I ESA

Address: STEVENS CANYON RD City, State, Zip: Cupertino, CA 95014

**Cross Street:** 

P.O. # 118-40-1
Project: Parkside Trails
Certification # B787-4043-93A6



#### **UNMAPPED PROPERTY**

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



Sanborn® Library search results Certification # B787-4043-93A6

The 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:

Library of Congress

University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.4

January 07, 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.

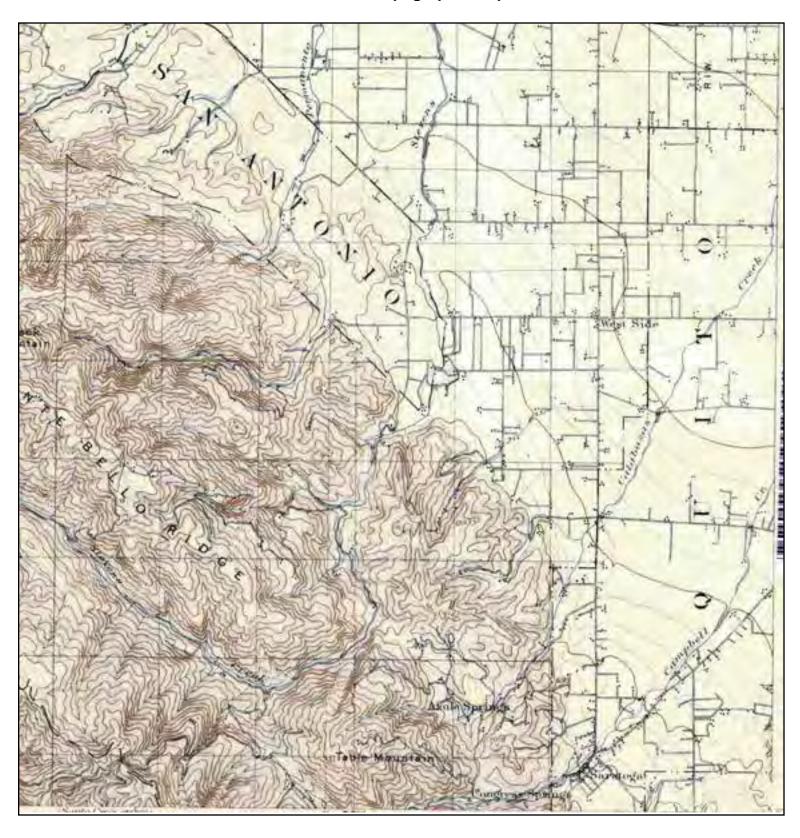
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TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1899

SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

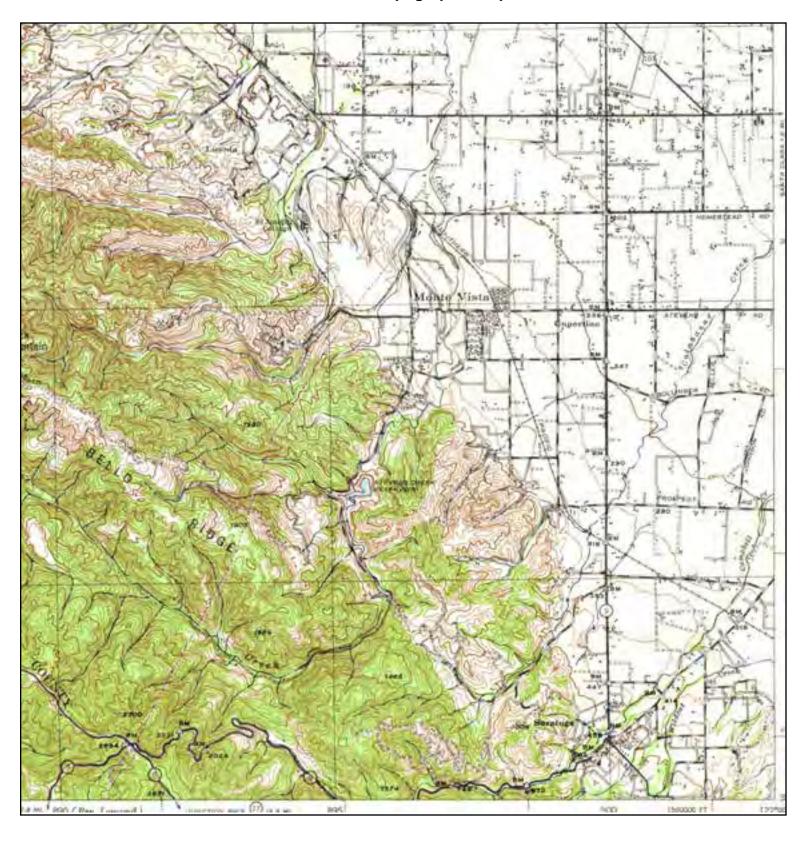
NAME: SANTA CRUZ

MAP YEAR: 1902

SERIES: 30 SCALE: 1:125000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014 LAT/LONG: 37.3045 / -122.0669 CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1943

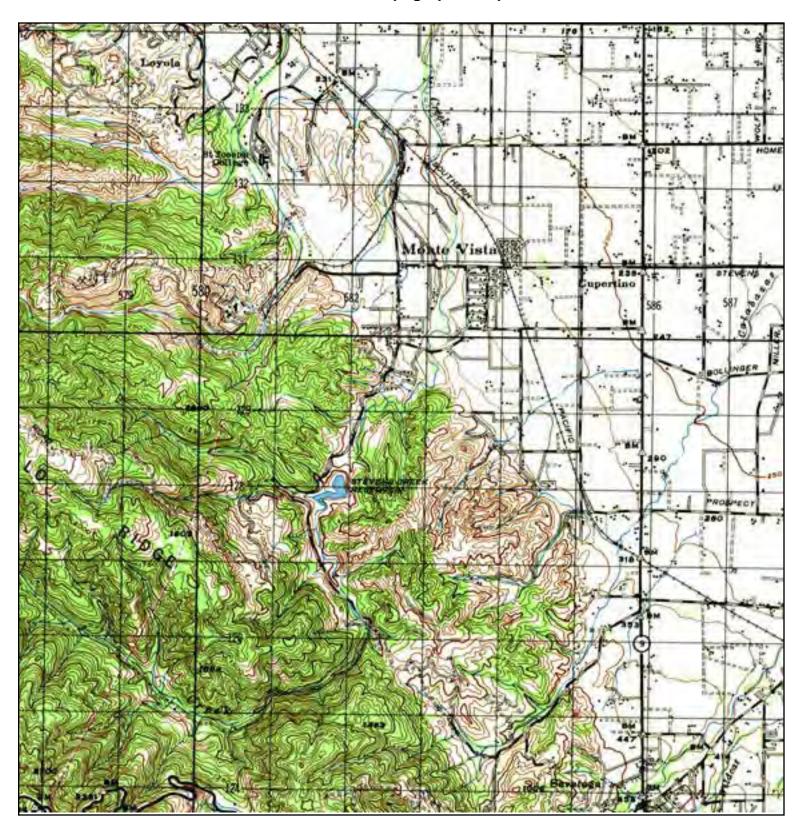
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1947

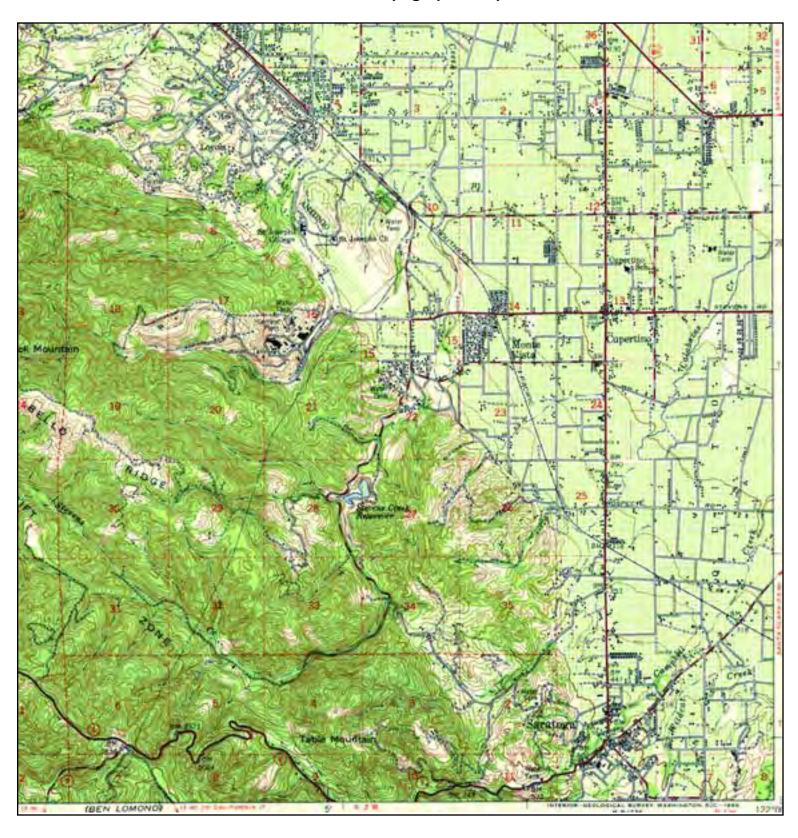
SERIES: 15 SCALE: 1:50000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1948

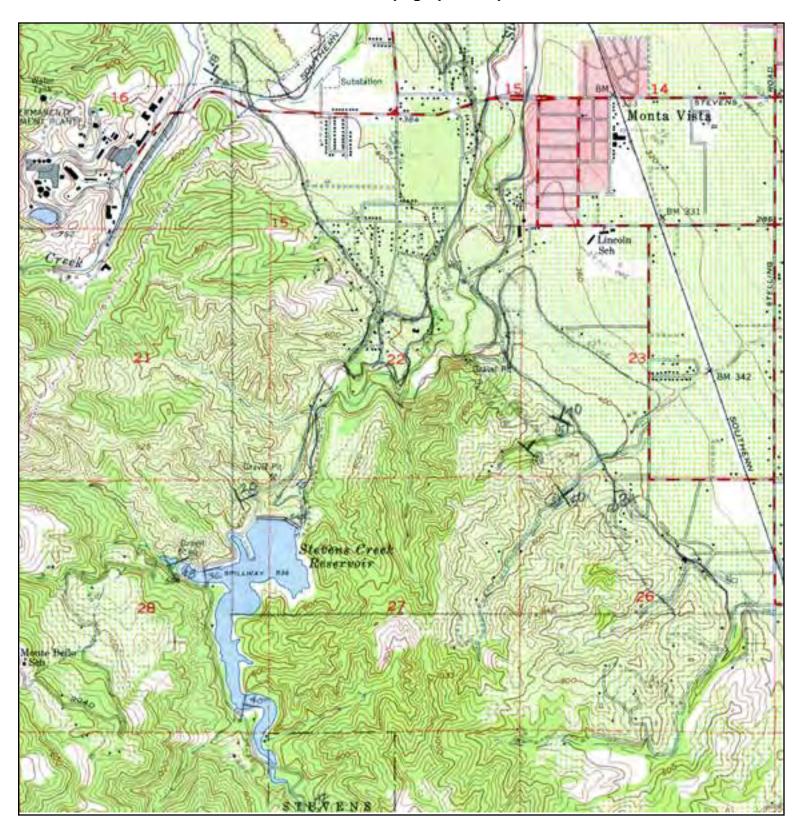
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1953

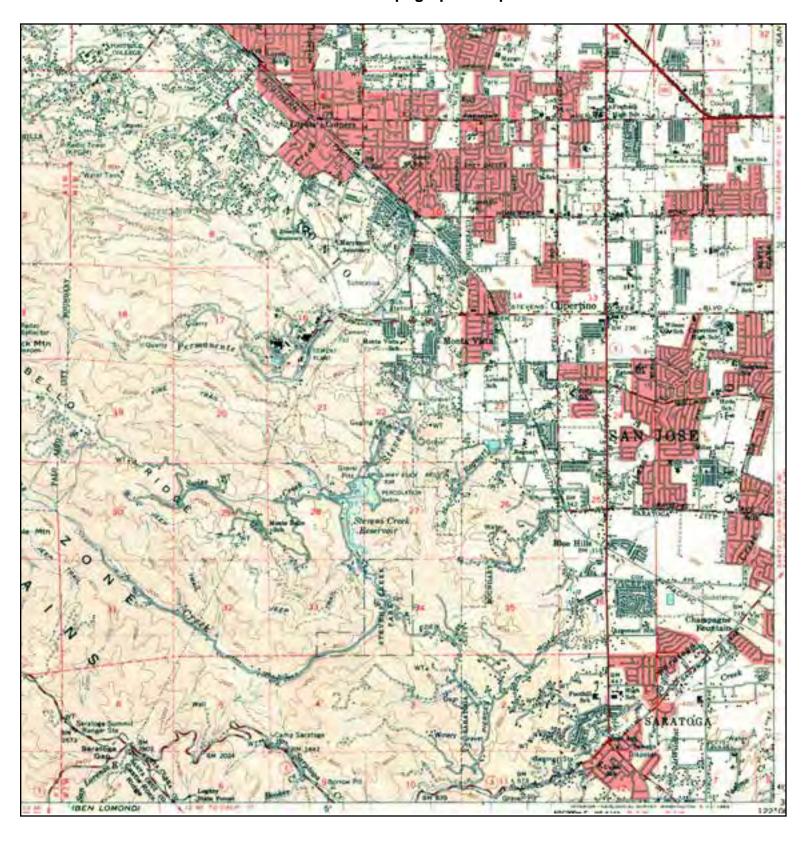
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1961

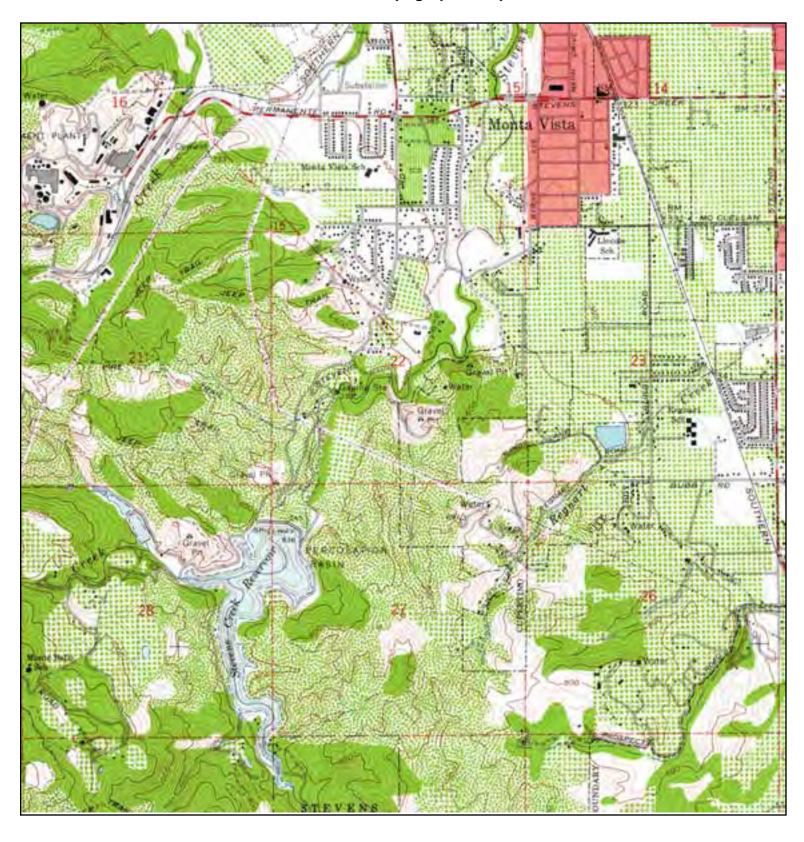
SERIES: 15 SCALE: 1:62500 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1961

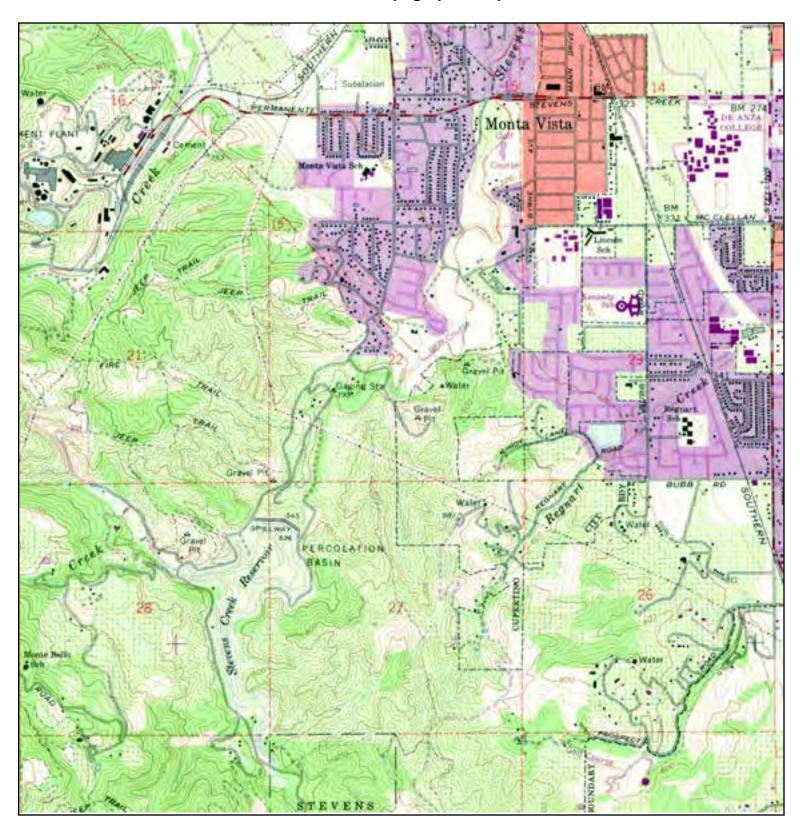
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1968

PHOTOREVISED FROM: 1961

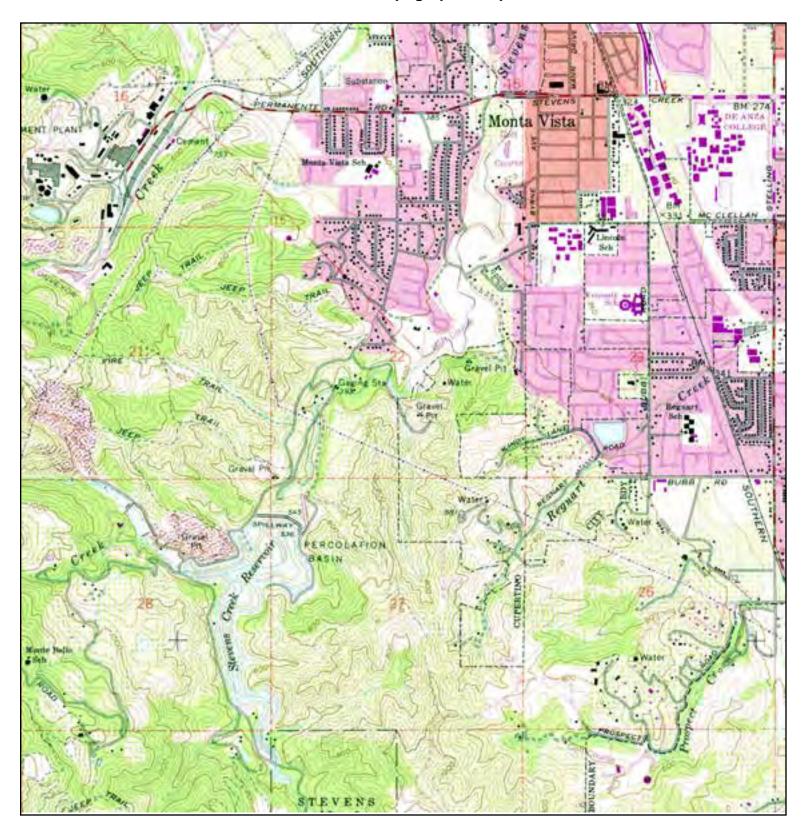
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1973

PHOTOREVISED FROM: 1961

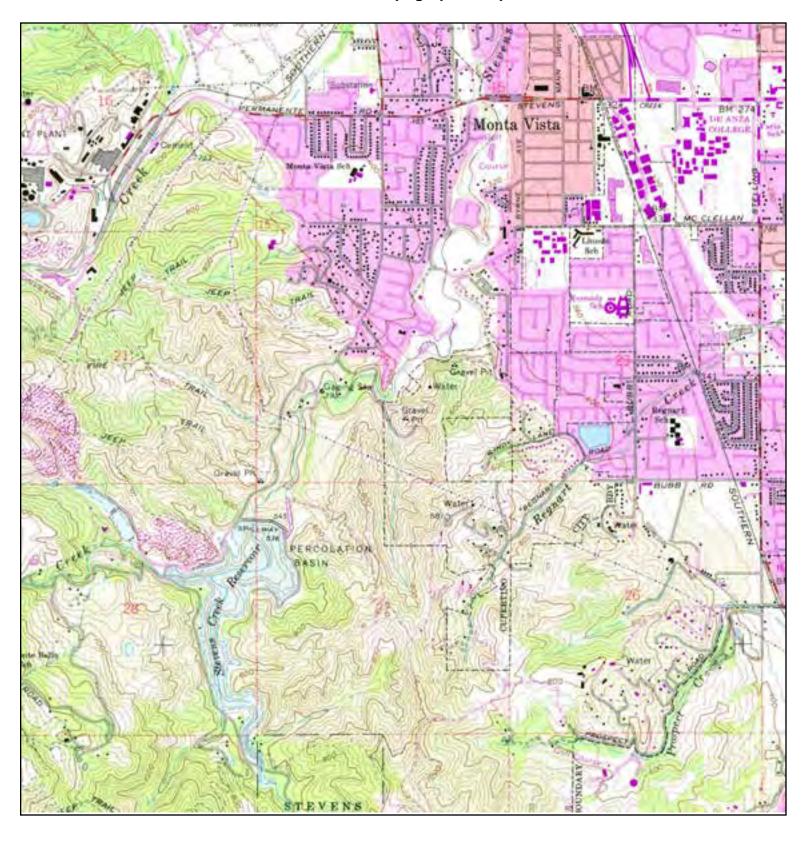
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1980

PHOTOREVISED FROM: 1961

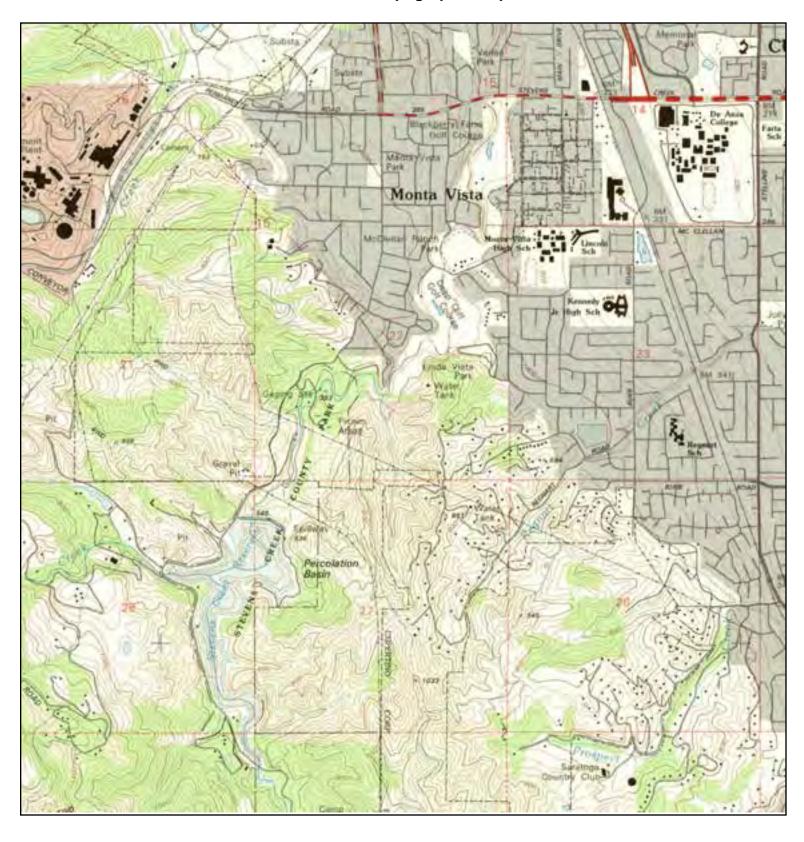
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1991

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Phase I ESA

ADDRESS: STEVENS CANYON RD

Cupertino, CA 95014

LAT/LONG: 37.3045 / -122.0669

CLIENT: Cornerstone Earth Group



# APPENDIX C - LOCAL STREET DIRECTORY SEARCH RESULTS

Phase I ESA STEVENS CANYON RD Cupertino, CA 95014

Inquiry Number: 3488357.6 January 10, 2013

# The EDR-City Directory Image Report



#### **TABLE OF CONTENTS**

#### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

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#### **EXECUTIVE SUMMARY**

#### **DESCRIPTION**

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

#### **RESEARCH SUMMARY**

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2010	$\overline{\checkmark}$		Haines Criss-Cross Directory
2005	$\overline{\checkmark}$		Haines Criss-Cross Directory
2000	$\overline{\checkmark}$		Haines Criss-Cross Directory
1996	$\overline{\checkmark}$		Haines Criss-Cross Directory
1991	$\overline{\checkmark}$		Haines Criss-Cross Directory
1986	$\overline{\checkmark}$		Haines Criss-Cross Directory
1980	$\overline{\checkmark}$		Haines Criss-Cross Directory
1975	$\overline{\checkmark}$	$\overline{\checkmark}$	Haines Criss-Cross Directory
1970	$\overline{\mathbf{V}}$	$\overline{\mathbf{V}}$	Haines Criss-Cross Directory

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## **FINDINGS**

#### TARGET PROPERTY STREET

STEVENS CANYON RD Cupertino, CA 95014

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
Stevens C	anton Rd	
2010	pg A1	Haines Criss-Cross Directory
2005	pg A2	Haines Criss-Cross Directory
2000	pg A3	Haines Criss-Cross Directory
1996	pg A4	Haines Criss-Cross Directory
1991	pg A5	Haines Criss-Cross Directory
1986	pg A6	Haines Criss-Cross Directory
1980	pg A7	Haines Criss-Cross Directory
1975	pg A8	Haines Criss-Cross Directory
1970	pg A10	Haines Criss-Cross Directory
1970	pg A9	Haines Criss-Cross Directory

3488357-6 Page 2

## **FINDINGS**

#### **CROSS STREETS**

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
Mc Clellan	Rd	
2010	pg. A11	Haines Criss-Cross Directory
2005	pg. A12	Haines Criss-Cross Directory
2000	pg. A13	Haines Criss-Cross Directory
1996	pg. A14	Haines Criss-Cross Directory
1991	pg. A15	Haines Criss-Cross Directory
1986	pg. A16	Haines Criss-Cross Directory
1980	pg. A17	Haines Criss-Cross Directory
1975	pg. A18	Haines Criss-Cross Directory
1970	pg. A19	Haines Criss-Cross Directory

3488357-6 Page 3



Haines Criss-Cross Directory

**Stevens Canton Rd** 

Rd 2010

		650-326- 1363 650-847- 1279 650-323- 3739 00 00	+0
1840 • PH	IAM Quynh	00	1
X	ILLINOIS	ST	
★ 0 BUS	13 RE	S 1 NEW	1
95014	CUPER WEALTH CO		
X	MCCLELI	LAN RD	
10645 • DE 10655 • TA	WAN Jahangir O Teh Yu	00 408-252-1105	4
X	ST ANDR	EWS AVE	
10688 • CH 10692 • HU	NG Youlin IU Henry Meng	00	8 7 7
10700 • HA	YES Christopher N Y J Bridget	408-446-0245 00 408-217-8615	+0

Stevens Canton Rd 2005 · WHITE L 650-326-1363 1800 650-325-4450 VINEGAR Bessie J 1815 FLAMER Mary F 1820 650-323-3739 MIRANDA Jorge 00 1825 FORD Betty J 650-325-8862 1827 PHAM Quynh 00 1840 15 RES 2 NEW 0 BUS STEVENS CANYON RD 95014 CUPERTINO WEALTH CODE 9 S FOOTHILL BLVD DEWAN Jahangir TAO Teh Yu 408-252-1105 10655 SHRADER Rand 10684 WHITE Alan 408-257-6371 00 WONG Lee 10685 10700 DAO C 408-255-8751 **HUSEY Donna** 408-973-8695 CHA Sanghak 408-257-7341 10716 CASIPE Ronald 408-725-8520 10730

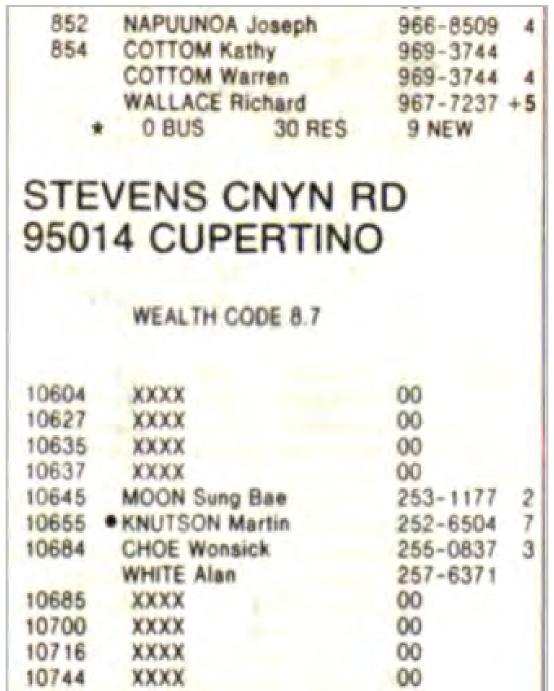
Cross Street

<u>Source</u>

Haines Criss-Cross Directory

Stevens Canton Rd 2000 REED James W 650-625-1505 854 +9 856 XXXX 00 HAMMOND Daniel N 860 650-969-6724 14 RES 2 NEW 0 BUS STEVENS CNYN RD 95014 CUPERTINO WEALTH CODE 9.0 FOOTHILL BLVD S MCCLELLAN RD ST ANDREWS DR XXXX 00 10604 XXXX 00 10627 XXXX 00 10635 GREER Jeff 00 10645 TAO Teh 10655 00 10684 7 **CHENG Mawy** 408-257-9116 WHITE Alan 408-257-6371 10685 WONG Lee-Land 408-446-4373 +9 10700 RHEE Jin Kwang +9 408-777-9440 MONTEON Jorge 10716 408-973-1531 +9 MOYER Andrew R 408-253-5912 +9 SANTAMARIA M. 408-865-1852 +9 10744 REBAUD Sylvain P 408-725-8327

Stevens Canton Rd 1996



10730

XXXX

**Source** 

Haines Criss-Cross Directory

**Stevens Canton Rd** 



Haines Criss-Cross Directory

Stevens Canton Rd 1986

852	RIOS RO	BERT		964-5739	+6
	WESTBE	OOK ROBT	В	964-6261	5
854	JENKINS	JEFFREY		964-8886	+6
*	0 BUS	78 R	ES	13 NEW	
STE	/ENS	CNYN	RD	95014	
CUPI	ERTIN	Ю			
10604	XXXX			00	
10627	XXXX			00	
10627 10635	XXXX			00	
	XXXX			-	
10635	XXXX	O JOSE		00	
10635 10637 10645	XXXX XXXX XXXX NAVARR XXXX	O JOSE		00	
10635 10637 10645 10655	XXXX XXXX NAVARR			00 00 252-1961 00	0
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Haines Criss-Cross Directory

**Stevens Canton Rd** 

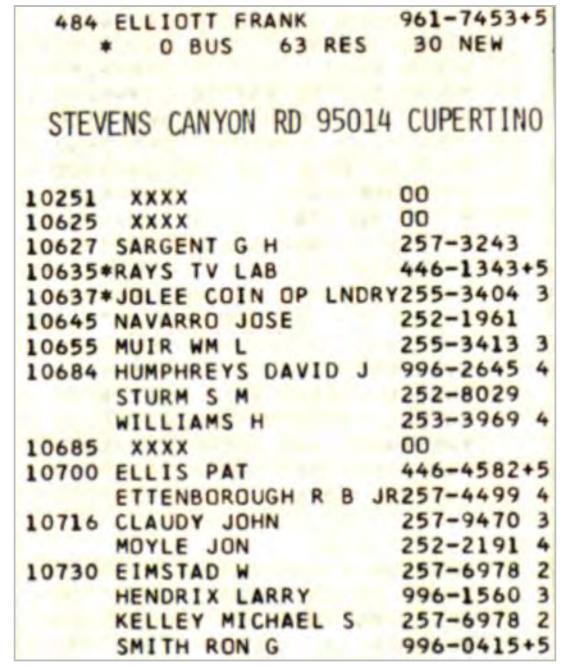
1980

482	HOLGUIN ANTONIO	968-2708 9
484	ARMENDARIZ A C	961-3909 9
NO#	OSBORN CO INC	961-9248+0
*	1 BUS 42 RES	12 NEW
STEV	ENS CANYON	RD
	4 CUPERTINO	
10604	XXXX	00
10627	SARGENT G H	257-3243
10635		446-4544+0
10637	XXXX	00
10645	NAVARRO JOSE	252-1961
10655		255-3413 3
10684	FARNHAM MIKE	252-6402+0
	WHITE ALAN	257-6371+0
10685	ROSE HELEN	996-8271 6
10700	JOHNSON L SCOTT	257-8286 9
	JONES KENT	252-7642 +0
	MCCARVILLE REX P	255-4461+0
10716	KABOGA WAMAITHA	252-4097+0
	SCOTT WILLIAM G	255-6870 7
10730	ALLEN JACKIE	255-2693 9
	BURKE ELIZABETH	255-2693 9

Haines Criss-Cross Directory

**Stevens Canton Rd** 

1975



1970

Haines Criss-Cross Directory

# **Stevens Canton Rd**

274-2348 3025 GRAEBER ROGER R GARCIA GUSTAVO 274-3869 3033 3039 DAWSON JAS L 274-3727 274-2161 NO # ATKINSON K BANK FRED J JR 274-4625 NO DELLOSSO LOUIS A 274-4418 NO CAROL R 274-2016 O BUS 12 RES

# STEVENS CANYON RD 95014 CUPERTINO

10627 SARGENT G H 257-3243 10635*FOOTHILL BARBER SHP257-1013 10645 NAVARRO JOSE 252-1961 10684 FAST WM A 255-0610 STURM S M 252-8029 Target Street

**Cross Street** 

<u>Source</u>

Haines Criss-Cross Directory

**Stevens Canton Rd** 

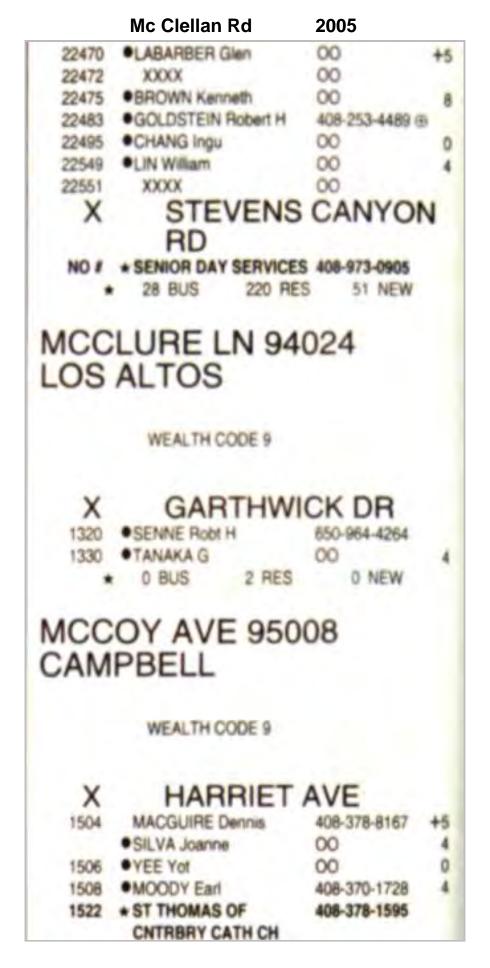
1970

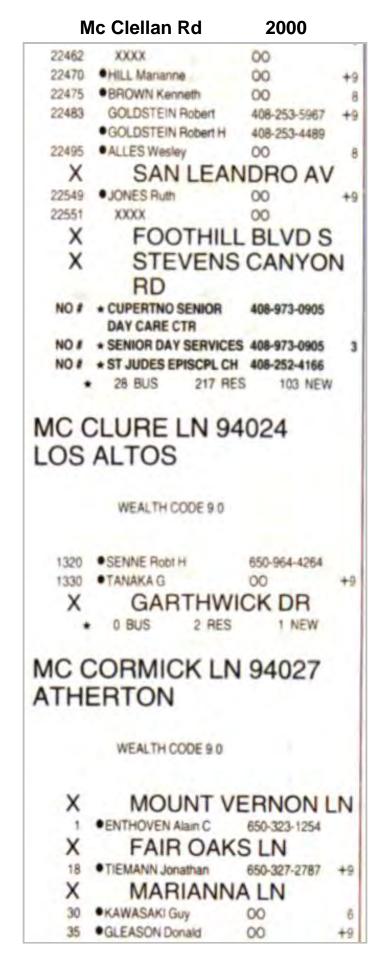
10685	ROSE IRENE	257-1099
10700	DUNCKLEY JAMES A	257-8178
	ZOEHRER RICHARD	252-5437
10716	FULLERTON JACK	252-1019
	SCOTT CAROLE J	253-8996
10730	LEIDICH PHILIP L	257-2568
10744	GRUYE V C	257-5148
	JOHNSON WAYNE M	257-6851
	LOH G M	252-9059

<u>Source</u>

Haines Criss-Cross Directory

Mc Clellan Rd 2010 22470 CHUANG Miao-huei 408-982 5806 HILL Mananne 00 22472 XXXX 00 22475 • BROWN Kenneth 00 SAN LEANDRO AVE 22483 • GOLDSTEIN Robert H 408-253-4489 22495 • CHANG Ingu 00 22549 • YANG Karen 00 22551 XXXX 00 STEVENS CANYON RD 23 BUS 192 RES 12 NEW MCCLURE LN 94024 LOS ALTOS WEALTH CODE 9.0 1320 
SENNE Robt H 650-964-4264 GARTWICK DR X 1330 • TANAKA Temil 00 ★ 0 BUS 2 RES 0 NEW MCCOY AVE 95008 CAMPBELL WEALTH CODE 8.4 HARRIET AVE 1504 . VASWANI Sudeep 00 1506 • YEE You 00 1508 • MOODY Earl 00 1535 • BATIZ Jame 00





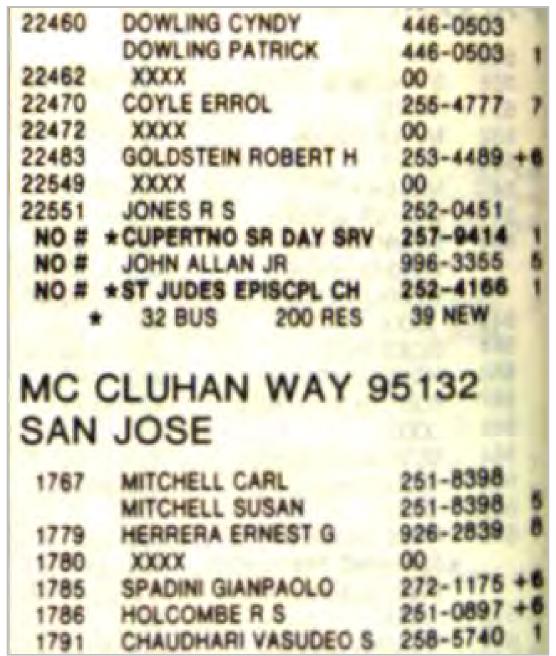
***	Mc Clellan Rd 1996	00	
22455	XXXX	00	
22460	CASTRO Ernie	725-0729	
	CASTRO Lori	725-0729	
22462	XXXX	00	
22470	COYLE Errol	255-4777	
22472	XXXX	00	
22483	GOLDSTEIN Robert H	253-4489	6
22551	JONES R S	252-0451	
NO #	*CUPERTNO SR DAY CRE	973-0905	7
NO #	*SENIOR DAY SERVICES	973-0905	3
NO #	*ST JUDES EPISCPL CH	252-4166	
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	CLUHAN WAY	95132	
	JOSE	95132	
		95132	
SAN	JOSE	95132	
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SAN	WEALTH CODE 9.0  MITCHELL Carl	251-8398	4
1767	WEALTH CODE 9.0  MITCHELL Carl MITCHELL Susan	251-8398 251-8398	4
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<u>Source</u>

Haines Criss-Cross Directory

	Mc Clellan Rd 199	1
22460	DOWLING Cyndy	446-0503
	DOWLING Patrick	446-0503
22462	XXXX	00
22470	COYLE Errol	255-4777
22472	XXXX	00
22483	GOLDSTEIN Robert H	253-4489 6
22549	XXXX	00
22551	JONES R S	252-0451
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NO #	*ST JUDES EPISCPL CH	252-4166 1
4	21 BUS 192 RES	31 NEW
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		95132 251-8398
SAN	JOSE	
SAN	MITCHELL Carl	251-8398
SAN 1767	MITCHELL Carl MITCHELL Susan	251-8398 251-8398
1767 1779	MITCHELL Carl MITCHELL Susan HERRERA Ernest G	251-8398 251-8398 926-2839 259-7558 9
1767 1779 1780	MITCHELL Carl MITCHELL Susan HERRERA Ernest G WEI Tuan Hsiang	251-8398 251-8398 926-2839 259-7558

Mc Clellan Rd 1986



Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

Mc Clellan Rd

1980

22450	CADA CARL C	257-1199
22455	LOVINFOSSE FRANK	253-6025+0
22462	DELOZIER ROBERT E	255-7935+0
22470	COYLE ERROL	255-4777 7
22472	FISCHER C	996-7696 8
22549	XXXX	00
22551	JONES KENNETH J	252-0451 2
	JONES RUTH	252-0451 1
		THE CHARLES
MC C	CLUHAN WAY 9	57 NEW
		0, 1,4,1
	LUHAN WAY 9	0, 1,4,1
SAN	JOSE	5132
SAN 1767	JOSE  XXXX	00 926-2839 8
SAN 1767 1779	JOSE  XXXX HERRERA ERNEST G	00 926-2839 258-8193
SAN 1767 1779 1780	JOSE  XXXX HERRERA ERNEST G DOMINGUEZ R DOS	00 926-2839 258-8193

Mc Clellan Rd

1975

		T ALCOHOL		P	~	202		
				DIAN			-666	
			R CI	LINTO	N		-043	5+5
2244	0 X	XXX				00		
2245	O CA	DA	CARI	L C		257-	-1199	9
2245	5 CH	ANE	Y CI	LYDE	L	252-	381	3
2254	9 X	XXX				00		
2255	1 10	NES	KEN	NNETH	J	252-	045	1 2
	10	NES	RU'	TH		252-	-0451	1 1
	*	26	BUS	162	RES	65	NEW	
ric	CLUI	KE L	IN		LOS		US.	
MC	COLL	AM I	DR	9512	7 SAN	J05	E	
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	2 LI		JGH	FRED	7 SAN	923-		
50	2 LI 7 NE	MBAI	JGH AM	FRED	7 SAN	923-	5280	1 4
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# Mc Clellan Rd 1970

		1 0
22435	LUCAS PEARL I	252-1168
22440	SAULT CARMEN C	257-5449
22442	GAMBLE CLIFFORD JR	253-1460
22450	CADA CARL C	257-1199
22455	CHANEY CLYDE L	
	JONES KENNETH J	
		252-0451
22551		252-1321
NO #	*ST JUDES EPSCPL CH	252-4166
	* 9 BUS 78 RES	
	COVEY LN 95127 SAI	
304		
205	HARO TRINIDAD	
305	*ALOHAS STUDIO DANC	
		251-6199
	BUMGARDNER JOHN C	
		259-8517
337	BRAMBLITT ROBT E	259-8517
		259-8517 258-1977
384	BRAMBLITT ROBT E	259-8517 258-1977 251-2325



# **APPENDIX D – QUESTIONNAIRE**



#### General Environmental Questionnaire

Cornersione Earth Group is performing a Phase Lenvironmental site assessment (ESA). The purpose of the ESA is to evaluate current and historic uses of the property that may have involved the use, generation, or storage of hazardous materials. Please respond to these questions in the best of your knowledge.

Return the completed, signed questionnaire by fax at (408) 245-4620 or by mail to the address below. Alternatively, a scanned copy can be emailed to sfoster@cornerstoneearth.com. The completed questionnaire will be attached to the ESA report. Thank you for your assistance and limely response.

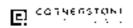
#### GENERAL PROPERTY INFORMATION

1)	Site Address(es) and Assessor's Parcel Number(s): Please list at current and former addresses. Some sites have multiple addresses, all are needed, even if they are not in current use						
	Addressien)		APN Number(s)				
	No known address 356-05-005 (1.6 acre ha	ul road), 356-05	-007 (50 26 acres)				
	356-05-008 (1 7 acres) , 356-27-026	(33 66 acres), 351-	10-028 (-3.5 acres)				
2)	Property Size: see above (Sq. F1 or Acre	s (arcle one))					
3)	Current site owner(s) and purchase date:						
	<u>Current Owner Name</u>		Year Purchased				
	Pool Frog Investments LLC		2010 (fareclastics)				
4)	Previous site owner(s) and dates of ownership:						
	Prior Owner Name	Year Purchased	Year Sold				
	Canyon Heights Academy Properties, Inc.	2001	2010 (loreclosoro)				
	Charles and Linda Corbalis Intervivos Trust	2000	2001				
	KT Properties	Unkown	2000				



# STRUCTURES AND OCCUPANTS

5)	Please describe all on-sit	e buildings:				
	Building Size (sq. ft)	Building Use	Date of Construction			
	None					
	<del></del>		<del></del>			
	Potable Water Source ( $\sigma g$	, city or other water agency, on-site wol-	, etc.) <mark>na</mark>			
	Sewage Disposal System (	e.g., city sower, sepholiank letc.p. <u>NA</u>				
		nd Fuel Source (e.g., electric, natural gat	tuel oil, etc.) <u>na</u>			
6)	Current site tenant(s), sit					
	Tenan:	Site Use	Years of Occupancy <u>1919 From 1995 to 2007</u>			
	None					
			<del></del>			
7)	7) Prior site tenant(s), site use, and years of occupancy:					
	Tenan:	Site Use	Years of Occupancy <u>tele</u> Jugai 1975 <u>16 1980</u>			
		a Quarry (оссиралсу unk				
	· <del></del>	<del></del>				

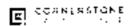


### OTHER SITE FEATURES AND INFORMATION

8) Please indicate if you are aware of any of the following structures, features, or activities currently or formerly at the site.

			Do Not
Structure/Feature	Yes	Νo	Know
Aboveground Storage Tanks (ASTs)		兇	
Agricultural fields		X	
Agricultural or drinking water supply wells		×	
Air emission control systems		区	L.::::::::::::::::::::::::::::::::::::
Areas where garbage or other wastes have been disposed on-site		Œ	! <b>-</b>
Bailers		<u>[X]</u>	. 🗆
Chemical mixing or processing activities		×	
Chemical storage areas		×	
Current or former drainage ditches, ponds, or streams	╙Ш	×	. 🗆
Dry cleaning equipment		×	
Dry wells		X	, <u></u>
Elevators			
Emergency generators		<u> [3</u>	
Equipment maintunance or repair areas		×	
Fil-materials placed on-site (/ el. fill usud to huild up the site elevation		X	
to current level)		<u> </u>	
Ground water monitoring world		X	
Ground water or soil remediation systems	↓ <del>□</del>	N	I Q
Hydraul o lifts			╙
Incinerators		X	
Manufacturing machinery	L D	X	
Medical Wasto	ļ 🔘 .	X	l <u>. 💂</u>
Oil or gas wells		X	
Petroleum pipelines	<u>LQ</u>	<u>_</u> X	<u> </u>
Railroad lines		X	
Supha tanks		X	
Stockpiles of soil or debre	] 🗆	×	
Storage sheds	┖	×××××××××××××××××××××××××××××××××××××××	. 🗆
Sumps, clarifiers, oil/water separators, or similar structures			<u>: D</u>
Transformers	. □		<u> </u>
Underground Storage Tanks (USTs)			
Vapor or dust control hoods and ducting		区	<u>:</u>
Waste burning areas (i.e. burn pit) or ashirt-sposal area		] [XI]	

If you checked yes to any of the above, please provide additional information here or attach to this questionnaire.



9) Please indicate if, to your knowledge, any of the following documents exist:

Bosumental sile assessments Environmental sile assessments Environmental permits or violation notices Underground or above ground slorage tank decuments/permits Geolechnica reports or hydrogeologic studies Risk assessments Hazardous materials management plans or chemical inventories Safety/emergency response plans or spill prevention plans Compliance audits or community right-to know plans Asbestos or lead based paint surveys	X X	
Environmental permits or violation notices  Underground or above ground storage tank documents/permits  Geolechnical reports or hydrogeologic studies  Risk assessments  Hazardous materials management plans or chemical inventories  Safety/emergency response plans or spill prevention plans  Compliance audits or community right-to know plans		
Underground or above ground slorage tank decuments/permits Geolechnical reports or hydrogeologic studies Risk assessments Hazardous materials management plans or chemical inventories Safety/emergency response plans or spill prevention plans Compliance audits or community right-to know plans		
Underground or above ground slorage tank decuments/permits  Geolechnical reports or hydrogeologic studies  Risk assessments  Hazardous materials management plans or chemical involves  Safetylemergency response plans or spill prevention plans  Compliance audits or community right-to know plans	X X	
Geolechnical reports or hydrogeologic studies  Risk assessments  Hazardous materials management plans or chemical inventories  Safetylemergency response plans or spill prevention plans  Compliance audits or community right-to know plans	X X	
Risk assessments  Hazardous materials management plans or chemical inventories  Safetylemergency response plans or spill prevention plans  Compliance audits or community right-to know plans	X X	
Hazardous materials management plans or chemical inventories Safetylemergency response plans or spill prevention plans Compliance audits or community right-to know plans	<u>                                    </u>	
Safety/emergoricy response plans or spill prevention plans  Compliance audits or community right-to know plans		
Compliance audits or community right-to know plans		
	∣ l⊠	
Asuesios di lead cosco particisti yeys	一一一	1 1 H
Can copies be provided? Yes / No		
Have significant quantities of hazardous materials been used, stored, o Yes No	n Beu	erated on-s
103 110		
if so, blease list types and quantities and where these materials are or were	locate	ed.
4 50, 5-6350 not (1000 to ta span mars a to 1000 to 10		
		<del></del>
		- ———
Are you aware of commonly known or reasonably ascortainable inform that would help the environmental professional to identify conditions in or threatened releases? For example, do you know of past uses of the other professional to determine the other professional p	<b>ndica:</b> e. spec	t <b>ive of role</b> a oftic onemica
that were or are present at the site, have knowledge of spills or other chemic	san ren	cases at me
or any environmental cleanups at the site		
Yes No <u>•</u>		
If so, please briefly describe below, including whether reports documenting t	lhe aci	livilies are
available for review by Cornersione Earth Group		
,		
<u></u>	—	
		led or reco
Are you aware of any environmental cleanup liens against the site that	are fi	
Are you aware of any environmental cleanup liens against the site that underfederal, Imbal, state, or local law?	are fi	
	are fi	
under federal, tribal, state, or local law?	are fi	



13]	use restrictions, o	any activity or use limitate or institutional controls the egistry under federal, triba	ons (UALs), such as engineering at are in place at the site and/or h il, state, or local law? 	controls, land lave been filed
	Riso, please briefly	describe below		
14}	relevant to hazard any governmental	ous substances or potrole	d or past litigation, or administra our products at the site, or 2) an eviplations of environmental law petroloum products?	y notices from
	If so please briefly	riesonde below.		
				<u> </u>
15)	Completed by.	- 21 B	Pod Frog Investments, LLC Company	
	Charles Corbatis	1 Marchantax	Pod Frog Investments, LLC	01/07/2013
	Name (port)	Signalure	Company	Date



# **APPENDIX E - PRIOR REPORTS**

PREFIMINARY
OFOTECHNICAL INVESTIGATION
CANYON BEIGHTS, LLC PROJECT
STEVENS CANYON ROAD
CUPERTINO, CALSTORNIA

FOR BERLINER COREN Tebrany (1, 200) (Revisel) Lebruary 7, 2001 (Revised) Job No. 2520 200 BGC BERLOGAR GEOTECHNICAL CONSULTANTS



Mr. Andrew I. Laber Berliner Cohen Ten Almaden Boulevard Eleventh Floor San Jose, California 95115-2333

Subject. Preliminary Geotechnical Investigation

Canyon Rel, hts. LTC Project

Stevens Conyon Road Corporting, California

Deer Mr. Labert

#### ANTRODUCTION

Fair report presents the results of our preliminary geotechnical investigation for the Canyon Heights, a LC project in Cupertino, Calatornia. The site is located in the southwest portion of Cupertino and is buildered by the Stevens Creek County Park to the west, residential developments including a golf course to the north and east, and residential development and open space to the south. The site is shown on the Vicinity Map, Plate 1.

Based on our discussion with you. Ms Virganta banelli and Mr. Terence Szewczyk of TS Cwill Engineering, we understand that the project will include a school development at the northwest corner of the site and at the former quarry thore area. Access to the development on the northwest corner of the site will be via Stevens Canyon Road. Two access road alternatives, generally designated as north access road and east access road, are presently being considered for the quarry floor development area. The north access road alignment runs from the northwest corner of the torner quarry floor over a sput ridge then crosses Stevens Creek, and then connects to Stevens Canyon Road. A bridge crossing at Stevens Creek will be required for the north access road. The east access road diagrament starts near the northeast corner of the former quarry floor, traverses an existing southwest facing quarry slope, follows a southwest-northeast direction valley and ties into I inda Vista Drive near the northeast corner of the site. Since the project is still at its early stage of pianning, details of the developments are not available at this time.

# PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation was to assess the feasibility of the proposed developments and provide planning level recommendations for preliminary land planning and development of a rough budget for site improvement. Our scope of services included the following:

- Site reconnecsance and geologic mapping.
- Review of published maps and reports perfunent to the area.

- Examination of stereo-paired aerial photographs covering the site and vicinity.
- 4 Excavation of Asbackhoe test put to investigate the existing fill located at the former quarry floor.
- 5 Executation of three backhoe test pits to evaluate the bedrock structure of the spur tidge focused near the northwest corner of the site.
- Preliminary engineering and geologic analyses.
- Pregaration of this report

#### FIELD INVESTIGATION

Our field investigation was conducted from December 7 to 31, 2000 and included a site recommissance, geologic mapping, and excavation of 29 exploratory test pits. Test pits were excavated with a backhoe to depths ranging from 2 to 13 teet below the existing ground surface at the approximate locations as shown on the Preliminary Geologic Map. Plate 3. A representative from our office visually classified materials encountered in the field and a log was recorded. Test pits were backfilled with minimal compactive effort. Descriptions of the materials encountered in individual test pits are presented on Plates 3 through 7.

#### REGIONAL GEOLOGY

The site is located in the eastern portion of the Santa Cruz Mountains within the Coast Ranges geomorphic province of California which is characterized by northwest trending folded and faulted mountain ranges. Folding and faulting of the region is the result of tectant forces along the Pacific-North American Plate Boundary. Most rescarchers generally agree that the San Andreas fault marks the plate boundary in this region. The San Andreas Fault System is a broad zone of sub-quiallel, right-lateral, strike-slip faults. Focalized zones of compression and extension occur within this zone.

In the site vicinity, bedrock units of the Franciscan Complex underlie bedrock units of the Santa Clara Formation. Geologic structure in the site vicinity is composed of northwest tiending folds and imbricate fault traces related to the San Ardreas Fault System.

#### FAULTING

As currently designated by the State of California the site is not within an Earthquake Fault Zone (1974). Published maps by Hitchcock, Kelsen and Thompson (1996), Jeonings (1994). Wagner of all (1990), and Song and McLaughlin (1975) show a trace of the Monte Vista fault crossing the northern portion of the site. Jennings (1994) judged activity of this fault to be Late Pierstocene to Farly Holocene.

February 7, 2001 (Revised) Job No. 2530 200 Page 3

Our fault mapping and linearments observable on serial photographs roughly correlate to the location of the Monte Vista fault trace mapped by Hitchcock, Keisen and Thompson (1994), and Sorg and MeLoughlin (1975). The Monte Vista fault is a thrust fault and the main trace is mapped northeast of the site, near Linda Vista Drive.

According to XIr. Perry Worsy of the California Division of Mines and Geology (personal communication, 2000), the State of California has not zoned the Monte Vista fault under the Alquist-Prior o Earthquake Zonnig. Vet due to the lack of perlogic investigations and evidence for Holocene activity. However, the City of Cupertino does consider the Monte Vista, tagliactive and has zoned it as such. The northwestern portion of the site adjacent to Stevens Creek as within a City of Cupertino facility zone designated as 1-3. The City of Cupertino has a 1-3 designation on the northwestern half of the site.

Other seismically active faults in the region include the San Andreas and San Gregorio faults breated approximately 3 and 17 miles to the southwest, respectively. The Hayward and Calaveras builts are located approximately 15 and 19 miles to the northeast, respectively. Commigs 1994).

#### SITE CONDUCTIONS

#### SERFACE CONDITIONS

# NORTHWEST DEVELOPMENT AREA

The porthwest development area is located on the north side of Stevens Creek and near the northwest corner of the site. The area is presently vocant with scattered trees. A paved road runs across the mean anapproximately east-west direction. With the exception of several piles of soils, the existing ground so face of area slopes gently downward in a southeasterly direction, from blevation 470 feet amon sea level rail Stevens Carryon Road to blevation 380 feet at the north bank of Stevens Creek.

# QUARRY 11.00R DEVELOPMENT AREA

The quarry floor development area is located near the middle of the site on the south side of Stevens Creek. The area has been previously quarred for sand and gravel and is presently vacant with scattered trees, brushes and seasonal grasses. Quarry activities have substantially altered the natural topography in the area, resulting in a relatively flat quarry floor surrounded with out slopes as steep as 1 horizontal to 1 vertical (114:1V). The out slopes generally expose bedrock tmits of the Santa Chira Formation. The quarry floor slopes gently discussed in a northwesterly direction, from Flevation 430 feet at its southeast edge to Flevation 390 feet near the south bank of Stevens Creek. A plateau area at (approximately) Elevation 460 to 470 feet is located on the eastern portion of the quarry floor. Fiosion gallies were noted on the quarry floor, especially at the plateau area

February 7, 2001 (Revised) Job No. 2520,200 Page 4

#### NORTH ACCESS ROAD

The north access road alignment tims roughly along a spur ridge located near the northwest corner of the site and across Stevens Creek in a northeriv direction. The area is presently vacant and is covered with trees, brushes and seasonal grasses. At the location where the total alignment crosses the creek, the creek banks are arabout bievation 380 feet. The spar adjoints about \$20 feet above the creek banks.

#### TAST ACCESS ROAD

The east access road alignment runs step of existing cut slopes on the north and east sides of the plateau area of the former quarry floor and follows a southwest - northeast trending aliavial valley on the custom portion of the site. The area is presently vacant and covered with trees, brasines and sensonal grasses. The ground surface of the alignment varies from I levation 490 feet nor the northeast corner of the former quarry thornto I levation 610 feet east of the plateau area to Ecvation 440 feet near the northeast corner of the site.

#### SUBSURFACE CONDITIONS

#### NORTHWEST DEVELOPMENT AREA

Based on our review of published geologic maps and site accomaissance, we believe the northwest development area is generally underliarity of avial deposits. As shown on the Preliminary Geologic Map, six areas of fill were noted. Based on our visual observation, some of these fills appear to contain significant amounts of debris.

# QUARRY FLOOR DEVITOPMENT AREA

As encountered in the test pits and shown on the Preliminary Geologic Map, the western one-third of the former quarry floor and the plateau oren are underlain by fill. It appears that the fill was placed during previous quarry operation. The fill is best described as clayey gravel to gravelly clay and contains minor amounts of debris, such as metal rock, glass bottles and occusional tree trunks.

The quarry floor development area is underlain by bedrock units of Santa Clara Formation. The existing cut slopes located along the perimeter of the former quarry floor generally expose bedrock units of Santa Clara Formation. The Santa Clara Formation was deposited during the Late Pliocene to Farly Pleistocene epochs of geologic time (approximately 0.3 to 3 million years before present). During our exploration we encountered conglomerate thinly interbedded with minor amounts of sandstone and claystone. The coarse-grained and clast supported conglomerate was observed to be, gray to prange-brown, weathered to highly weathered, weak to moderately strong and poorly to moderately indonated. The sandstone was gray to brown, weathered to highly weathered, friable to weak and poorly indurated. The claystone was brown, highly weathered and friable. As observed in test pits and on the existing cut slopes, bedding of the bedrock typically ranges from N60W to N80W dipping 32 to 65S.

February 7, 2001 (Revised) Joh No. 2520, 200 Page 5

A number of landslides have been identified on the existing out slopes surrounding the school development area. These landslides appear to be the result of over-steepened quarry slopes and consist mostly of slumps and tookfalls.

Free ground water was encountered during our exploration in Test Pits TP-8, TP-11, TP-15, TP-15, TP-16, TP-15 and 4P-23. Ground water was encountered at depths of about 1-12 to 15 feet, exclusively within till materials. The observed groundwater appeared to be perched groundwater and generally entered the test pits at an estimated rate of one to two pallons per minute.

#### NORTH ACCUSS ROAD

As encountered in the test pits and shown on the Preliminary Geologic Map, the spar ridge isomheral portion of the north access road alignment is generally underlain by conglomerate of Santa Clara Formation. The coarse-grained and clast supported conglomerate was red-brown, weathered to highly weathered, weak to moderately strong and poorly industed. As observed in test pas and exposed on the existing out slopes, bedding of the bedrock ranges from N45W to N88W dipping 32 to 658. According to the published geologic maps, the northern portion of the alignment is underlain by alltimal deposits (Dibble), 1966).

#### FAST ACCUSS ROAD

The western portion of the cast access road alignment (located stop of the existing cut slopes on the north and east sides of the plateau area) is generally underlain by conglumerate interbedded with minor amounts of sendstone and classione. The course-pranted and class supported conglomerate was observed to be, gray to orange brown, weathered to highly weathered, weak to moderately strong and poorly to moderately indurated. The sandstone was gray to brown, weathered to highly weathered, britishly to weak and poorly indurated. The classione was brown, highly weathered and finishly. As observed in test pits and on the existing cut slopes, bedding of the bedrock ranges from N55W to N80F dipping 30 to 70S. The costern portion of the alignment is underlain by allowial deposits.

A number of landslides were mapped along the alignment of the east access road. With the exception of two landslides located atop of the existing cut slope on the east side of the plateau area, the mapped landslides appear to be surficial and have occurred as slumps and earth flows. Surficial landslide involves soils and deeply weathered bedrock. The two landslides located atop of the existing cut slope on the cust side of the piateau area appear deep-seated.

# PRELIMINARY CONCLUSIONS AND RECOMMENDATIONS

#### GENERAL.

Based on the results of this preliminary investigation, we conclude that both the northwest development area and the quarry floor development area are suitable from a geotechnical standpoint for the proposed school development. Both access road alignments are geotechnically feasible. The preliminary conclusions and recommendations presented below are for the purposes of land planning

February 7, 2001 (Revised) Job No. 2520,200 Page 6

and rough budgeting, but are not surficient for design and construction of the project. A design-level genteclinical investigation should be performed to provide recommendations for the design and construction of the project.

#### NORTHWEST DEVELOPMENT

This portion of the site containing a considerable amount of fill that should be completely temoved during sate grading of the area proposed for development. If further investigation shows these fills to be relatively clean, it may be possible to tense these materials as engineered fill, provided they are free of vegetation, debuts and other deleterious matter.

A portion of the northwest development area is located within a City of Copertino fault zone designated as F-3. As required, a fault investigation should be performed to evaluate the presence or absence of active faulting in the area. Based on our review of published geologic maps, it doesn't appear likely that a fault investigation would expose active faulting in the area, however, this can only be determined through investigation.

#### QUARRY FLOOR DEVELOPMENT

We recommend that the existing fill located within the area to be improved be overexcavated and replaced as engineered till during site grading. The existing fill slope located on the west side of the plateau area should be reconstructed with proper key way and subdrainage. Subject to findings during the design level geotechnical investigation it may not be necessary to rework the existing fills in the play field and landscaping areas. New cut and fill slopes should be constructed at gradients of not steeper than 2H:1V

The fandshides mapped ctop of the cost slope and at the toe of the south slope of the plateau area could pose signaficant risk to the proposed school buildings. It is our opinion that these landshides should be repaired. In general, we judge that these landshides can be mitigated by removing the landshide debrts and reconstructing the slope with engineered fill with keyway and subdrainage.

The existing relatively steep our slopes around the former quarry floor appear to be mone to instability. The landslides that have occurred on the steep cut slope have formed debris flors at the toe of slope. Due to the height and steepness of these cut slopes, we recommend that the proposed school buildings and improvements be set back a minimum of 30 to 50 feet from toes of the slopes. The purpose of this is to provide an adequate catchment area for landslide debris and to provide access to maintain the catchment area.

We inticipate that the proposed school buildings can generally be supported on footing or mat toundations founded on engineered fill or bodrock.

February 7, 2001 (Revised) Job No. 2520,200 Page 7

#### NORTH ACCESS ROAD

The north access road will involve the construction of a bridge crossing Stevens Creek and cuts into an existing spur ridge on the south side of Stevens Creek, near the northwest corner of the site. Depending on its final alignment, the north access road may also cross a few small shallow landslides. Outs into the bedrock are required for the road construction. Based on the bedrock structure exposed at the existing cut slopes and observed in Test Pits TP-25. TP-26 and TP-17, we judge that cuts for the access road can generally be made at guadients of MTTV. It needed, the shallow juntshides can be mitigated by removing the landslide debris and replacing with enjoineered fill with key way and subdrainage, alternatively, the landslide debris may be removed entirely by design cuts. The earth materials generated from the ents can generally be used as engineered fill.

#### EAST ACCESS ROAD

A number of landshides have been identified along the proposed alignment of the cust access road. To reduce their adverse impacts to the east access road, these landshides will need to be indigated it this alignment is selected. In general, these landshides can be mitigated by 1 removing the landshide debris and replacing with engineered fill with keyway and subdrainage, 2) overexcavating the lower portion of the landshide debris and constructing a buttress catchinent area between the road and remaining portion of the landshide. Stremoving the landshide debris by design cut and 4) providing a softhick from the landshides.

Due to the steepness of the exiting ground surface of the road alignment, retaining walls are likely to be regarded for the construction of the east access road. The retaining walls can generally be 15 conventional cast-in-place concrete retaining wall supporting on facting or pier to indution 2 (soit und and shoterete wall, 3) mechanical stabilized earth (MSE) retaining wall and 4) soldier beam and logging wall.

New out and fill slopes for the cast access routh can generally be constructed at gradient of not steeper than 2H(1V)

#### LIMITATIONS

The preliminary conclusions and recommendations contained within this report are based upon the information provided to us regarding the project, subsurface conditions encountered in exploratory test pits, geologic reconnaissance, and professional addrement. This study has been conducted in accordance with current professional geotochnical engineering standards; no other warranty is expressed or implied.

The locations of test pits were determined from pacing from existing trees and did roads and other points of reference indicated on the topographic map prepared by Brian Kangus I oulk (dated January 23, 1995) and are considered approximate only. Plexations discussed in this text are also considered approximate only. Site conditions described in the text are those existing at the time of our last site

February 7, 2001 (Revised) Job No. 2520-200 Page 8

visit in December 2000, and are not necessarily representative of sucle conditions at other locations and times.

Respectfully submitted.

BERLOGAR GEOTECHNICAL CONSULTANTS

Keyin James Ryan Staff Geologist

Frank Phylogan

KJR PSL FB.pv

Copies: Addressee (6)

Attachments

Plate I - Vicinity Map

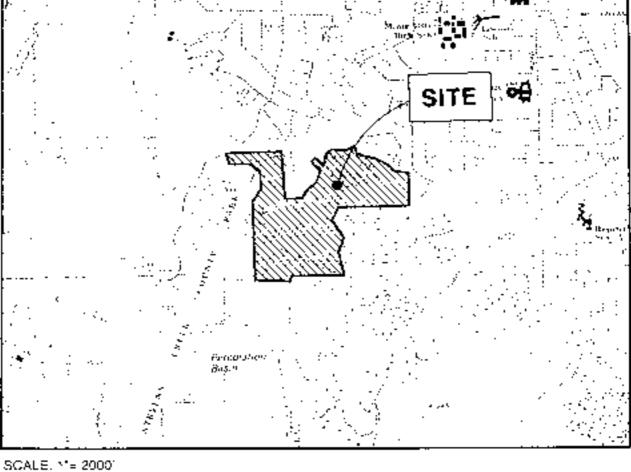
Plate 2 Preliminary Geologic Map

Plates 3 through 7 - Test Pit Logs

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#### REFERENCES

- Dames & Moore, 1994, Review of Geologic Hazards Permanente Master Plan, Cupertino, California, unpublished report.
- Dibblee, J.W., 1996. Geology of the Palo Alto Quadrangle. Santa Clara and San Mateo Counties. California, Map Sheet 8.
- Hitcheock, C.F., Kelsen, K.L. Thompson, S.C., 1964. Geomorphic Investigation of Deformation. Along the Northeast Margin of the Santa Uruz Mountains. Open File Report of 94-187.
- Jennings, C. W., 1994, "Lauft Activity Map of California and Adjacent Areas", California Geologie Data Map Series, Map No. 6, California Devision of Mines and Geology
- Sorg, D.H., and McLaughlin, R.J., 1975, Geologic Map of the Sargent-Barrocai Fault Zone Retween Los, Gatos, and Los, Altos. Hills, Santa Clara County, United States Geological Survey, Miscellangous Field Studies Map MF-643.
- Wagner, D.L., Bortugno, F.J., McJunkin, R.D., 1990, Geologic Map of the San Francisco San Jose Quadrangle, Regional Geologic Map Series Map No. 5 V.



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# **VICINITY MAP**

CANYON HEIGHTS, LLC PROJECT

STEVENS CANYON ROAD CUPERTINO, CALIFORNIA FOR BERLINER COHEN

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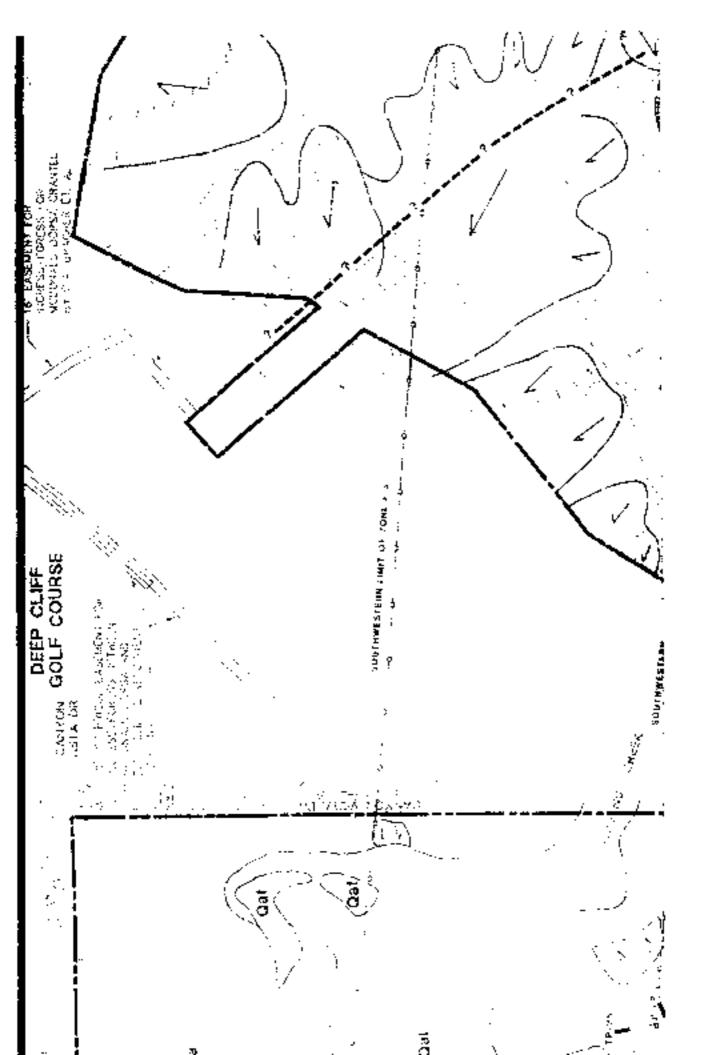
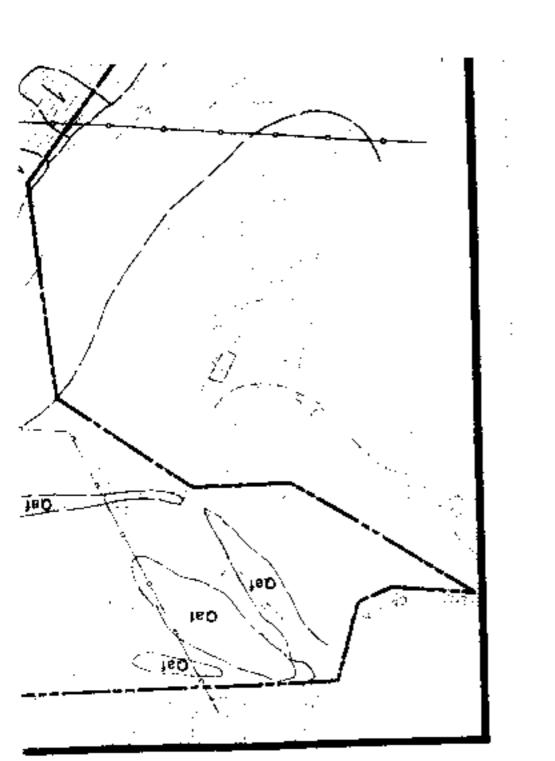
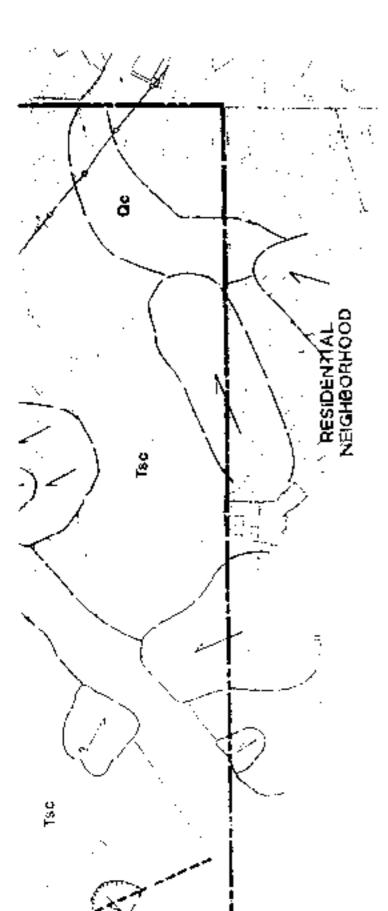


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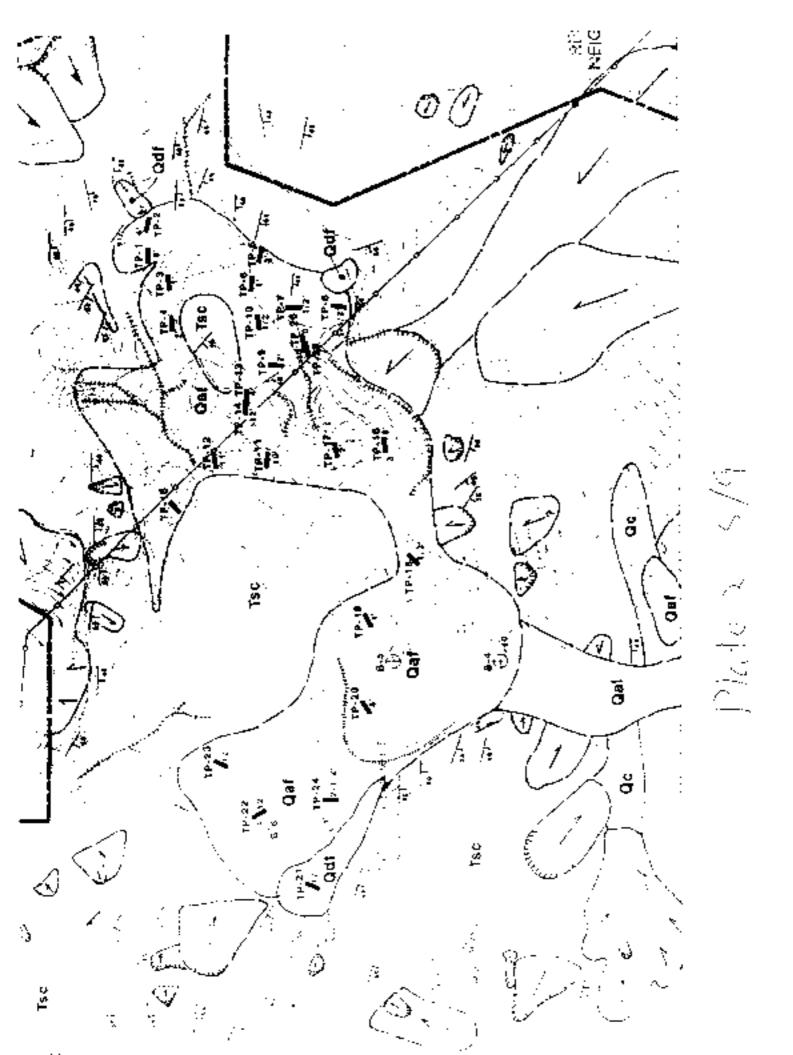


# **EXPLANATION**

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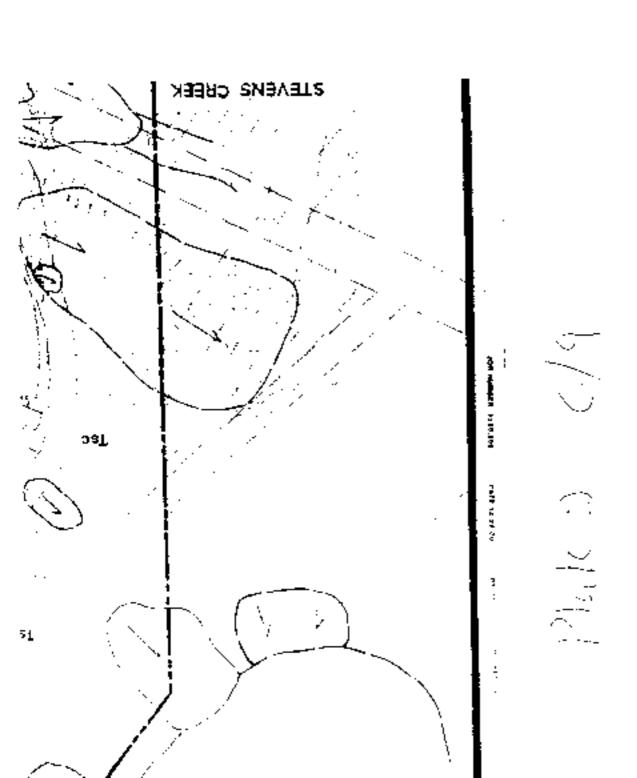


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# GEOLOGIC MAP CANYON HEIGHTS, LLC PROJECT **PRELIMINARY**

STEVENS CANYON ROAD **CUPERTINO, CALIFORNIA** 

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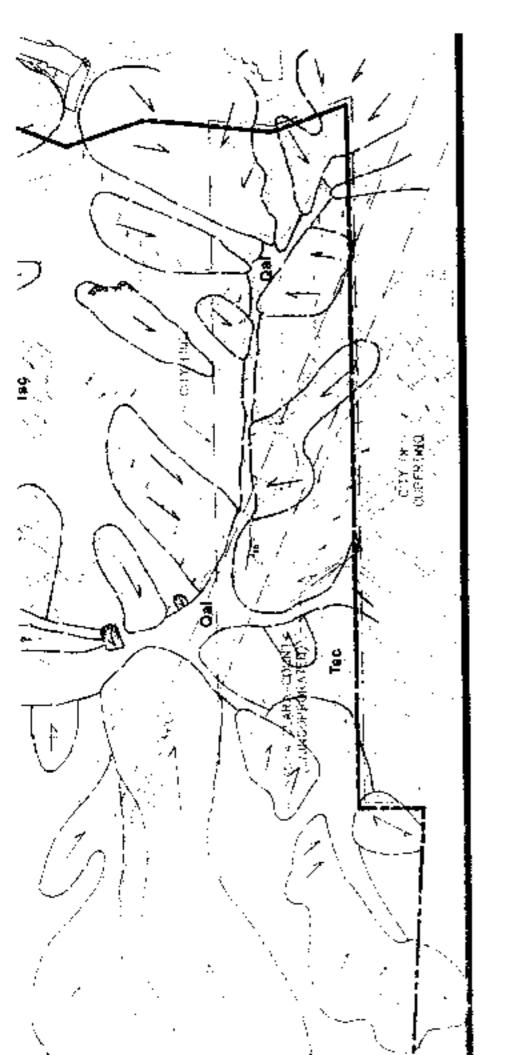
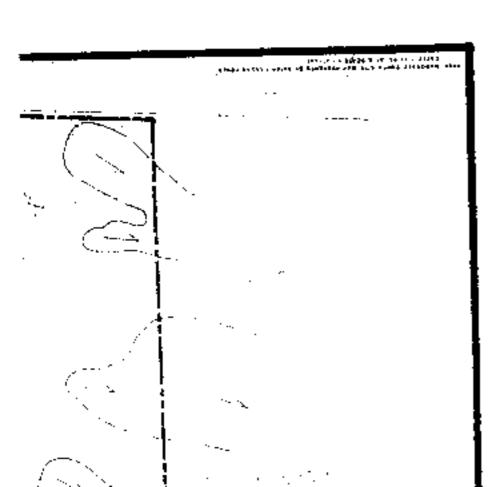


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REPORT
PHASE I ENVIRONMENTAL SITE
ASSESSMENT UPDATE
McDONALD DORSA PROPERTY
CUPERTINO, CALIFORNIA
FOR: PH PROPERTY
DEVELOPMENT COMPANY

Joh No. 27862-003-043 November 22, 1999



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November 22, 1999 Job No. 27862-003-043

PH Property Development Company 945 East Pace's Ferry Road, Suite 2515 Atlanta, GA 30326-1125

Attention:

Mr. Jeffrey Harland

Dear Mr. Harland:

Phase I Environmental Site Assessment Update
McDonald Dorsa Property
Cupertino, California
For PH Property Development_Company

This report provides an update to the Phase I Environmental Site Assessment (ESA) of the approximately 130 acre McDonald Dorsa property in Cupertino, California, originally prepared by Dames & Moore in 1995.

If you have any questions, please contact us at (415) 896-5858.

Very truly yours.

Dames & Moord

Raymond H. Rice

Principal Engineering Geologist

Michael R. Kitahara

Project Environmental Scientist

#### TABLE OF CONTENTS

			Page
EXE	CUTIV	'E SUMMARY	
1.0	INTE	RODUCTION	
2.0	PUR	POSE AND SCOPE OF SERVICES	
3.0	SITE	E RECONNAISSANCE	
	3.1	CURRENT USES OF THE PROPERTY	
	3.2	PAST USES OF THE PROPERTY	3
	3.3	EXTERIOR AND INTERIOR SITE OBSERVATIONS	4
	3.4	HAŽARDOUS MATERIALS	4
		3.4.1 Hazardous Waste	4
		3.4.2 Underground/Aboveground Storage Tanks	4
		3.4.3 Drums and Containers	4
		3.4.4 PCB-Containing Equipment	4
		3.4.5 Solid Waste	4
		3.4.6 Drains and Sumps	4
		3.4.7 Wells	5
		3.4.8 Pits, Ponds, and Lagoons	5
	3.5	ADJOINING AND SURROUNDING PROPERTIES	5
4.0	REG	ULATORY REVIEW	5
	4.1	AGENCY LISTS	
		4.1.1 Subject Property	
		4.1.2 Surrounding Properties	
	4.2	REGULATORY AGENCY CONTACTS	
5.0	CON	CLUSIONS AND RECOMMENDATIONS	7
REFE	ERFNO	res	g

#### FIGURES

Figure 1 Site Location Map

#### APPENDICES

Appendix A VISTA Database Report

#### REPORT

## PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE McDONALD DORSA PROPERTY CUPERTINO, CALIFORNIA FOR: PH PROPERTY DEVELOPMENT COMPANY

#### EXECUTIVE SUMMARY

Dames & Moore has completed a Phase I Environmental Site Assessment Update (ESAU) for an approximately 130-acre parcel of undeveloped land located in the City of Cupertino, Santa Clara County, California. Dames & Moore had initially performed a Phase I Environmental Site Assessment of the subject property in December 1995. Ancedotal information received from neighbors in late 1996 indicated that a landfill might have existed on the property during the 1960s and 1970s. Several investigations were then conducted and the former landfill was remediated by the City of Cupertino in 1998/1999.

This ESAU was accomplished by, and limited to, a site reconnaissance, a review of federal, state, and local agency lists, and contacts with governmental agencies.

A brief summary of Dames & Moore's findings regarding potential environmental concerns at the subject property is presented below.

Dames & Moore representatives visited the subject property on September 17, 1999. Staining or odors were not noted on the site, however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas. Hazardous materials, hazardous waste, aboveground fuel storage tanks or evidence of underground storage tanks, drums, containers, PCB-containing equipment, sumps, drains, ponds or lagoons were not observed onsite during the site reconnaissance.

The subject property was not identified on the VISTA database. Offsite agency-identified facilities located in adjacent or appraisant positions were not found. Site files were not found according to local regulatory agencies contacted. The remediation of the former landfill has been completed as documented in the September 8, 1999 CDM Final Removal Action Report that was submitted to the Santa Clara County Department of Environmental Health. The County has not yet sent a letter confirming concurrence that no further action is required for the site.

Based on scope of services performed for this ESAU. Dames & Moore does not recommend further investigation of the subject property at this time.

#### 1.0 INTRODUCTION

This report presents the results of Dames & Moore's Phase I Environmental Site Assessment Update (ESAU) conducted for an approximately 130 acre parcel of undeveloped land located in City of Cupertino, Santa Clara County, California (Figure 1). Dames & Moore performed the original Phase I Environmental Site Assessment (ESA) in December 1995 (Dames & Moore, 1995). Anecdotal information obtained from neighbors in late 1996 indicated that an approximately one acre portion of the property formerly operated as an unregistered landfill. Several investigations have occurred in this area and remediation of the former landfill was accomplished by the City of Cupertino in 1998/1999, as described in Section 3.2 of this report.

#### 2.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this ESAU is to update current features, activities, facilities, and conditions at the subject property to evaluate the potential presence of hazardous substances and the potential impact such substances may have on soil and groundwater quality at the site. To meet this objective, Dames & Moore completed the following tasks:

- Performed a reconnaissance survey of the subject property to make visual observations of existing site conditions and activities, and performed a drive-by survey of the area within a ¼ mile radius of the site to observe types of general land use within the search area;
- Reviewed a computer database report of available federal, state, and local agency lists of known or potential hazardous waste sites or landfills and sites currently under investigation for environmental violations in the vicinity of the subject property; this report was prepared by VISTA Information Solutions, Inc. under subcontract to Dames & Moore;
- Conducted inquiries by telephone or in writing to the following regulatory agencies
  for information regarding environmental permits, violations or incidents, and/or
  status of enforcement actions at the subject property and surrounding properties;
  - Sama Clara County Department of Environmental Health (SCCDEH) and
  - Sama Clara Valley Water District (SCVWD).
- Prepared this report describing the research performed and presenting Dames & Moore's findings and professional opinions regarding the potential for environmental contamination at the subject site.

Based on the scope of services outlined in this proposal, this ESAU specifically did not include evaluation for the presence of asbestos, wetlands, testing for radon gas, lead-based paint, or lead in drinking water at the subject property.

#### 3.0 SITE RECONNAISSANCE

Dames & Moore representatives visited the subject property on September 17, 1999, between the hours of 9:00 and 11:00 a.m. Weather conditions at the time of the visit were partly cloudy, with a temperature of approximately 75 degrees Fahrenheit. Our site visit included a walk-through reconnaissance of the subject property.

#### 3.1 CURRENT USES OF THE PROPERTY

The subject property consists of four parcels of undeveloped land totaling approximately 130 acres and traversed by Stevens Creek, which flows northeasteriy across the property. Staining or odors were not noted on the site, however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas.

The primary entrance to the subject property is a former haul road off Stevens Canyon Road near its intersection with Ricardo Road. This road is paved, although in poor condition, and extends to a former crossing of Stevens Creek. The bridge formerly crossing the creek has been removed. An approximately one acre portion of the property near Stevens Canyon Road, a former unregistered landfill, was remediated by the City of Cupertino in 1999, as described in Section 3.2. The recent grading activities have resulted in a level topography in this area. Hydroseeding was recently completed by the grading contractor.

Much of the property to the south of Stevens Creek is covered with dense brush, although there are trails used by bikers and hikers through the brush. The former haul road continues south across the creek (although the former bridge across the creek no longer exists) to a former gravel mine and mining pit. The cut slopes of the former gravel pit were not flattened after mining operations ceased, and they are very steep in places, greater than 1:1 (horizontal:vertical). The mined area is covered with vegetation, primarily grasses and scrub shrubs. However, crossion on the slopes of the mined area is severe in places, and gullies have formed in the pit floor. Trails used by hikers and bikers cross the floor of the former gravel pit.

Overlooking the mined area are hills to the east and west. The acrial photographs reviewed as part of the original Phase I ESA show access mads for the mining had been made on these hills, but the mads are mostly overgrown. The hill east of the pit has only hiking trails on it, and is relatively underdeveloped. The hill west of the mined area /has an access road for the Pacific

Gus and Electric Company transmission lines which cross the southwest corner of the property. This is a dirt road which is maintained. There are also hiking and biking trails on this hill. The valley to the southwest of the mined area is undeveloped.

Physical evidence of USTs, ASTs or wells was not observed on the subject property.

#### 3.2 PAST USES OF THE PROPERTY

As indicated in Dames & Moore's 1995 ESA, the parcel has been primarily undeveloped, although gravel mining operations occurred onsite in the early to mid 1970s. According to personnel associated with past mining operations, no drilling or blasting was performed in conjunction with gravel extraction. Horse stables were reportedly located onsite in the late 1980s until they were removed due to neighborhood complaints regarding the prevalence of flies.

During the fall of 1996, anecdotal information received from neighbors indicated that a small portion of the property operated as an unregistered landfill during the 1960s and 1970s. To determine if this information was accurate, PH Property Development Company contracted with Dames & Moore to conduct an investigation in an attempt to identify the existence of a former landfill. A geophysical investigation consisting of a magnetometer survey, electric resistivity survey and seismic refraction profiling was conducted by a subcontractor to Dames & Moore (JR Associates, 1997). The results of this investigation revealed that an approximately one acre portion of the property, near the intersection of Stevens Canyon Road and Ricardo Road, had formerly functioned as an unregistered landfill.

The City of Cupertino took lead responsibility for cleaning up and remediating the former landfill, and conducted a series of investigations to characterize its contents as well as its lateral and vertical extent. The City subsequently developed and implemented a Removal Action Workplan that involved excavation and off-site disposal of landfill materials as well as environmental sampling and analysis to demonstrate completion of remedial activities. The work was conducted in accordance with the Environmental Cleanup Agreement between the City and the Owner dated September 26, 1997. These activities are summarized in two reports prepared by Camp. Dresser, and McKee Inc. (CDM), consultants to the City (CDM, 1998, 1999).

Upon completion of site remediation, a Site Restoration Plan was developed by Brian Kangas Foulk. Consulting Engineers (BKF) on behalf of the Owner. Dames & Moore (D&M) has provided environmental and geotechnical consulting services to the Owner during the entire remediation and restoration process.

Our report presenting the results of our observations and investigations relative to environmental and geotechnical issues associated with restoration activities is submitted under separate cover (Dames & Moore, 1999).

#### 3.3 EXTERIOR AND INTERIOR SITE OBSERVATIONS

Buildings were not observed onsite.

#### 3.4 HAZARDOUS MATERIALS

Hazardous materials were not observed onsite.

#### 3.4.1 Hazardous Waste

Hazardous wastes or activities generating hazardous wastes were not observed onsite.

#### 3.4.2 Underground/Aboveground Storage Tanks

Aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) (e.g., vent pipes, fill ports, or patched concrete or asphalt) were not observed onsite.

#### 3.4.3 Drums and Containers

Drums or containers were not observed onsite.

#### 3.4.4 PCB-Containing Equipment

Electrical transformers, hydraulic equipment or other devices potential containing polychlorinated biphenyls (PCBs) were not observed onsite.

#### 3.4.5 Solid Waste

Solid waste is not generated onsite.

#### 3.4.6 Drains and Sumps

A subdrain system has been installed as part of site restoration activities, described in the Site Restoration Report (Dames & Moore, 1999). Rainwater runoff is transported through the drainage system to Stevens Creek. Evidence of hazardous material disposal is or around the drains were not observed. Sumps were not observed on the subject property.

#### 3.4.7 Wells

No evidence of wells were observed on the subject property; however, records of the Santa Clara-Valley Water District (SCVWD) indicate that one well formerly existed on the south side of Stevens Creek, near the western property line. This well was reportedly destroyed.

#### 3.4.8 Pits, Ponds, and Laguons

Former gravel mining activities occurred in the early to mid-1970s as described in Sections 3.1 and 3.2. Evidence of drilling, blasting or chemical use were not observed onsite. No ponds or lagoons were observed on the subject property; however, a small earthen embankment is located along a raying in the southeastern portion of the property.

#### 3.5 ADJOINING AND SURROUNDING PROPERTIES

Residential development has occurred to the north, east and southeast of the site. There are also a golf course and city park which are adjacent to the northeast boundary of the subject property. Southwest of the site is undeveloped land that is part of the Mid-Peninsula Regional Open Space system. Along the west and northwest boundary of the site is Santa Clara County Park. This park has been developed to provide recreational access, parking, pienic and bathroom facilities.

#### 4.0 REGULATORY REVIEW

Dames & Moore reviewed available records regarding past and current site use, and contacted agencies which might have information regarding environmental aspects of the site and surrounding properties. The information obtained through the review of agency lists and agency contacts is provided in the following subsections.

#### 4.1 AGENCY LISTS

Dames & Moore reviewed information gathered from several environmental databases through VISTA Information Solutions Inc. (VISTA) to evaluate whether activities on or near the subject property have the potential to impact environmental conditions at the subject property. VISTA reviews databases compiled by federal, state, and local governmental agencies. The complete list of reviewed databases is provided in the VISTA report, included in Appendix A, and is summarized in Table 1. It should be noted that this information is reported as Dames & Moore received it from VISTA, which in turn reports information as it is provided in various government databases. Although the VISTA information cannot be verified, the use of and reliance on this information is a generally accepted practice in the

conduct of environmental due diligence studies. The databases searched and the information obtained are summarized below. Properties interpreted as hydraulically downgradient or cross-gradient that in our opinion are unlikely to impact the site are excluded from the following discussion.

TABLE 1

ENVIRONMENTAL AGENCY DATA									
Agency Database	Survey Distance								
United States Environmental Protection Agency (EPA) National Priority List (NPL) for Superfund Sucs	1.0 mile								
U.S. EPA Resource Conservation and Recovery Act (RCRA) Currective Action (CORRACTS) List and associated	1.0 mile								
D.S. EPA RCRA Permitted Treatment, Storage, and Disposal (TSD) Facilities	0.5 mile								
U.S. EPA Comprehensive Environmental Response, Compensation and Liability Index System (CERCLIS) List	0.5 mile								
U.S. EPA RCRA Violations/Enforcement Action List	0.25 mile								
U.S. EPA Toxic Release Inventory System (TRIS) List	0.25 mile								
U.S. EPA Emergency Response Notification System (ERNS) List	Property and Adjacent Properties								
U.S. EPA RCRA Registered Generators of Hazardous Waste	Property and Adjacent Properties								
California Priority Last (SPL) (NPL equivalent)	1.0 mile								
California CERCUS Equivalent List (SCL)	1.0 mile								
California Permined Solid Waste Landfills, Incinerators or Transfer Stations (SWLF) List	0.5 mile								
California Sites with Deed Restrictions	0.5 mite								
California Index of Properties with Hazardous Waste (CORTESE)	0.5 mile								
California Toxic Pits Cleanup Facilities (TOXIC PITS)	0.5 mite								
California/Sama Clara County Leaking Underground Storage Tanks (LUST) List	0.5 male								
California Underground Storage Tanks (UST) List	0.25 mile								
South Bay Toxic Sites List	0.5 mile								

#### 4.1.1 Subject Property

The subject property was not identified on the databases reviewed.

#### 4.1.2 Surrounding Properties

Offsite facilities in adjacent or upgradient positions with potential to impact the site were not identified on the VISTA database.

#### 4.2 REGULATORY AGENCY CONTACTS

During the performance of an ESAU, regulatory agencies having jurisdiction over the subject property are contacted to obtain the following information: the status of relevant environmental permits: whether there have been any notices of violations or other similar correspondence from such agencies; whether any corrective action or remediation is planned, currently taking place, or has been completed at the subject property; whether there have been any reported violations or complaints that the subject property is not in compliance with environmental laws, regulations, or standards, and whether the subject property is under investigation for such non-compliance; whether the subject property is listed on available regulatory databases; and whether there is other pertinent documentation on file with such regulatory agencies regarding the subject property or surrounding sites of concern. Regulatory agencies contacted and a summary of the information obtained from these agencies are discussed below.

On October 6, 1999, Dames & Moore contacted SCCDEH by phone requesting that a file search be performed on the subject property. Ms. Tina Bolton of SCCDEH responded that files were not found for the site. In light of the response by Ms. Bohon, it is important to note that Mr. Mohammed Janjua of SCCDEH has been the City/CDM agency contact regarding SCCDEH oversight of landfill remediation activities. CDM has sent to Mr. Janjua letters, reports, work plans, and data concerning the landfill remediation project and Mr. Janjua has approved the work plans and the work conducted by CDM on behalf of the City.

On October 6, 1999, Dames & Moore contacted SCVWD by phone requesting that a file search be performed on the subject property. Ms. Chris Tulloch of SCVWD responded that files were not found for the site.

#### 5.0 CONCLUSIONS AND RECOMMENDATIONS

Dames & Moore representatives visited the subject property on September 17, 1999. Staining or others were not noted on the site; however, the area was heavily wooded or covered in many areas with dense vegetation. The soil surface was not visible in many areas. Hazardous

materials, hazardous waste, aboveground fuel storage tanks or evidence of underground storage tanks, drums, containers, PCB-containing equipment, sumps, drains, pends or lagoons were not observed onsite during the site reconnaissance.

The subject property was not identified on the VISTA database. Offsite agency-identified facilities located in adjacent or upgradient positions were not found. In response to telephone inquiries, agency officials reported that they did not find any site files at their respective agencies.

Approval of the landfill remediation completed by the City of Cupertino in 1999 by the SCCDEH is pending. Based on scope of services performed for this ESAU, Dames & Moore does not recommend further investigation of the subject property at this time.

#### REFERENCES

Vista Information Solutions, Inc. 1999. Site Assessment Plus Report, September 9.

#### APPENDIX A VISTA DATABAŞE REPORT

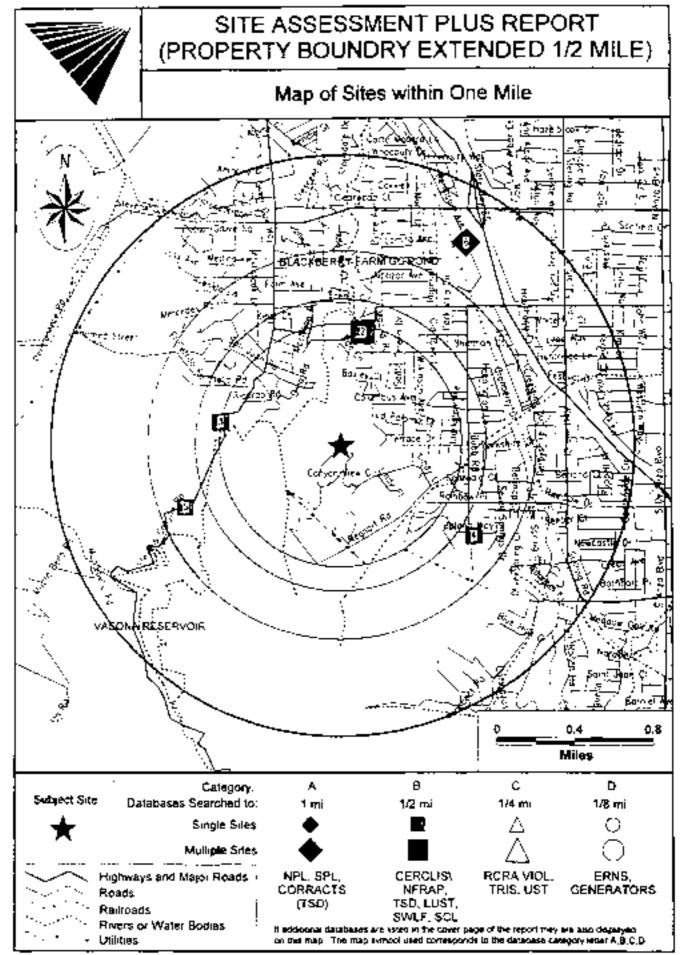
PROPERTY INFORMATION	 CLIENT INFORMATION
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100+ acre	
Cupertino, CA 95129	·
Latitude/Longitude: ( 37.305268, 122.061480 )	 <u> </u>

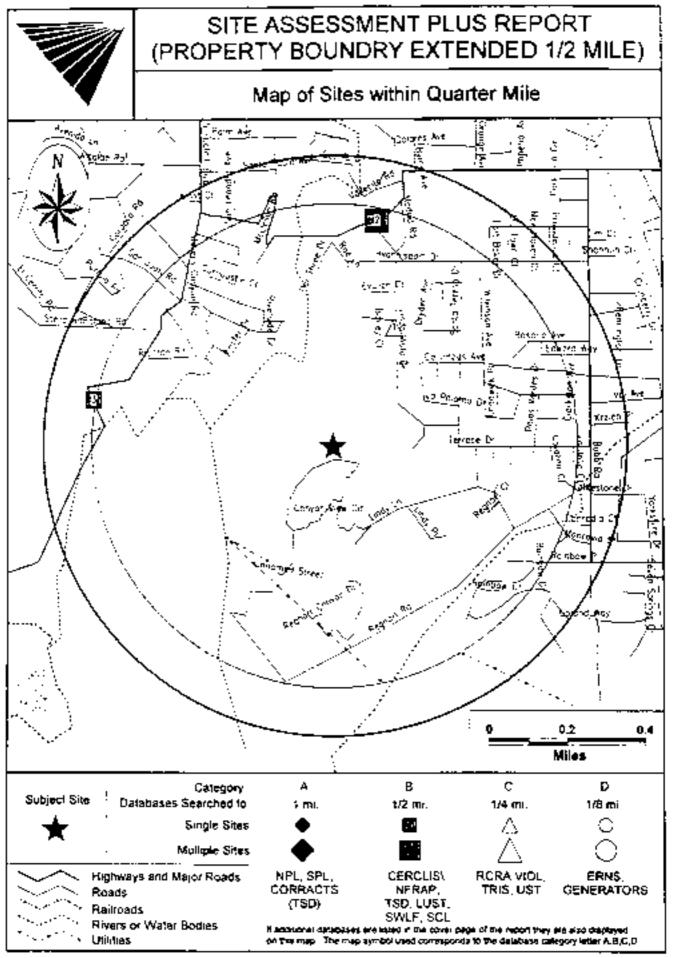
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STATE SPL State equivalent priority list		0	<u> </u>	0	0	
B) Database	s searched to	1/2 mile:		<u> </u>		
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US EPA	CERCLIS / NERAP	Sites currently or formerly under review by US EPA	0_	0	0	
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	
STATE REG	<u> LUST</u>	Leaking Underground Storage Tanks	1	1		ļ <u>-</u>
STATE/	SWLF	Permitted as solid waste landfills,		_	i _	
REC/CO		incinerators, or transfer stations	<u> </u>		! <u>:</u>	
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REGIONAL	SOUTH BAY	Sites on South Bay Toxic List		00	0	<u> </u>
STATE	CORTESE	State index of properties with hazardous waste	0 .	0	0	
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
USGS/STAT		Federal and State Drinking Water Sources	0	0	0	

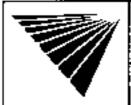


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S EPA	TRIS	Toxic Release inventory database	0	<u> </u>		
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S EPA	GNRTR	RCEA registered small or large generators of hazardous waste	0			
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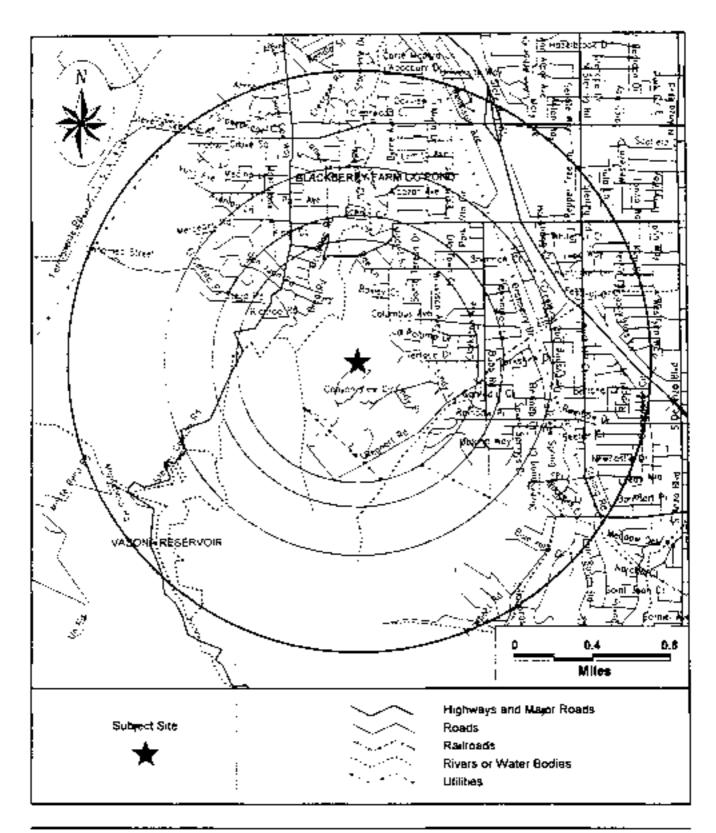








#### Street Map



#### SITE INVENTORY

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1.	JOSEPH EVULICH 10867 LINDA VISTA CUPERTINO, CA 95014	4032011 0.00 MI NA							1					1				x		
2	CLARENCE TRESSLER EXACAVATING 22110 MCCLELLAN CUPERTINO, CA 95014	1232075 (0.09 MI N																x	1	
2	TRESSLER PROPERTY 22110 MCCLELLAN RD CUPERTINO, CA 95014	7032405 0,09 MI N							x											

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MONTAGUE PREMIER CAR WASH	1266718	2			1						11	1		1	1	î.	13	П	
790 MONTAGUE EX		1	П	П	L	Ш	ш	ш		١.	ш		ш	L	ı		X	1	ı
SAN JOSE, CA		1	1	-	+	1	+	1	-	1	+	+	+	+	+	+	-	-	H
OAKMEAD PUMP STATION	+03982	9								П			н	П	1	Н			
RENAISSANCE NAISSANCE		Ъ	ш	Ш	1	1	Ш	Ш	1	L.	Ш		L.	Ш	1	П	X	1	L
SAN JOSE, CA	869958	0	+	+	+	+	+	-	+	+	+	+	+	+	+	+	1	-	+
OAKMEAD PUMP STATION	009930	-				1		1								1	x		
RENAISSANCE DR																1	1	1	
SAN JOSE, CA	889798	4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	+	+
WSP TRUCKING INC 1350 N PACIFIC AV	000130	1				1		1						1			X		1
SAN JOSE, CA				1		1	4				1		1				12		
SAN JOSE, CA	482228	1	+	+	+	+	+	+	+	1	+	+	1	1	+	1	X		t



			A							8						C		1	D
UNMAPPED SITES	VISTA ID	NPL	CORRACTS(TSD)	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	SOUTH BAY	CORTESE	TOXIC PITS	WATER WELLS	RCRA VIOL	TRIS	UST/AST	ERNS	GNRTR
COYOTE CREEK BUSINESS PARK O SILVER CREEK VALLEY RD SAN JOSE, CA	12667251							x								1			-
WDR-MARSHLAND LANDFILL 0550 I W08 5AN JOSE, CA	12362037								x										
NORTECH PUMP STATION 1661 NORTECH PY 5AN JOSE, CA	4036178												1				x		
KIRBY CANYON RECYCL. DISP. FACILITY 910 COYOTE CREEK GOLF DRIVE SAN JOSE, CA	12551343								x					X		3			
SJ AIRPORT TERMINAL A SAN JOSE, CA	7290903							x											
SAN JOSE ARENA-SOUTHERN PACIFIC PARC SAN JOSE, CA								x											
NORTH NINTH STREET SITE 620/640 NINTH STREET SAN JOSE, CA	7291069							x						ij					
R AND G ENVIRONMENTAL SERVICES SAN JOSE, CA	6830438		Ī						x										
RICHARD CROCKER COMMERCIAL ST BUSINESS PARK SAN TOSE, CA	7291240							x											
S) AIRPORT TERMINAL A BURN PIT UNKNOWN SAN JOSE, CA	12640331							x		1									
KETTLEMAN ROAD SITE KETTLEMAN ROAD AND CLAREBANK SAN JOSE, CA	7291230					li	ľ	x				i							
ARCO #1998 5472 ORANGETHORPE LA PALMA, CA	4824741								x					Nº T					
LAGUNA NIGUEL CLEANERS 30232 CROWN VALLEY A1 LAGUNA NIGUEL, CA	235458								x								i		x
W S CIRCUITS 1281 LOGAN COSTA MESA, CA	4626934								x										



#### DETAILS

#### PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

JOSEPH EVULICH VISTA 0.00 MI / NA Distance/Direction: Address*: 10867 LINDA VISTA Point. Plotted as: CUPERTINO, CA 95014 N/A STATE UST - State Underground Storage Tank / SRC# 1612 EPA/Agency ID: SAME AS ABOVE Agency Address: Underground Tanks: NOT REPORTED Aboveground Tanks: NOT REPORTED Tanks Removed: OTHER Tank Status: Tank ID: Leak Monitoring: Agency Code ( ) LEADED GAS Tank Contents: UNKNOWN NOT REPORTED Tank Piping: Tank Age: BARE STEEL Tank Material: 550 (GALLONS) Tank Size (Units): OTHER Tank Status: Tank ID: Approcy Code ( ) UNI EADED GAS Leak Monitoring: Tank Contents: LIMNWOWN NOT REPORTED Tank Pining: Tank Age: BARE STEEL SSD (GALLONS) Tank Macerial: Tank Size (Units): OTHER Tank Status: Tank ID: Agency Gode ( ) LEADED GAS Leak Monitoring: Tank Contents: LINKNOWN NOT REPORTED Tank Piping: Tank Age: BARE STEEL Tank Material: MO (GALLONS) Tank Size (Units): OTHER Tank Status: Tank ID: Agency Code ( ) Leak Monitoring: Tank Contents: UNLEADED GAS UNKNOWN Tank Piping: NOT REPORTED Tank Age: BARE STEEL 550 (GALLONS) Tank Material: Tank Size (Units):

1232075 CLARENCE TRESSLER EXACAVATING VISTA ID#: VISTA 0.09 MI / N Distance/Direction: Address*: 22110 MCCLELLAN Plotted as: Point CUPERTINO, CA 95014 N/A EPA/Agency ID: STATE UST - Scate Underground Storage Tank / SRC# 1612

SAME AS ABOVE Agency Address:

Underground Tanks:

NOT REPORTED Aboveground Tanks: MOT REPORTED Tanks Removed:

Map ID

Map ID

1

4032011

VISTA ID#:



* VISTA address includes enhanced city and ZIP. For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403. Date of Report: September 9, 1999 Report ID: 871204300 Version 2.6.1

## PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	TOOLU	Tank Starus:	ACTIVE/IN SERVICE
Tank Contents:	UNLEADED GAS	Leak Monitoring:	Agency-Dode ( )
Tank Age:	NOT REPORTED	Tank Piping:	GAL VANIZED STEEL
Tank Size (Units):	1000 (GALLONS)	Tank Material:	BARE STEEL
Tank ID:	TOOTU	Tank Status:	ACTIVENN SERVICE
Tank Contents:	DIESEL.	Leak Monitoring:	Agency Code ( )
Tank Age:	NOT REPORTED	Tank Piping:	GALVANIZED STEEL
Tank Size (Units):	500 (GALLONS)	Tank Material:	BARE STEEL

VISTA.	TRESSLER PROPERTY		VISTA ID#:	7032405
Address*1	22110 MCCLELLAN RD		Distance/Direction:	0.09 MI / N
) seather E	CUPERTINO, CA 95014		Plotted as:	Point
TATE LUS	T - State Leaking Underground	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac	idress:	SAME AS ABOVE		
Facility ID		07S2W22A01		
Leak Repo		02/10/97		
Case Close	The second secon	03/12/97		
Substance:		DIESEL:		
Remediatio	on Event:	EXCAVATE AND DISPOSE		
Remediatio	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL DNLY		
Lead Agen	cy:	LOCAL AGENCY		
Region / I	A	SAN FRANCISCO BAY RE		
_	n / Comment:	COUNTY: SANTA CLARAREY	TEW DATE: 02/10/97	
STATE LUS	T - State Leaking Underground	Scorage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ddress:	TRESSLER PROPERTY 22110 MCCLELLAN RD CUPERTINO, CA		
Facility ID	6	43-2181		
Leak Caus	e:	TWKNOWN		
Leak Sour	DE:	TINKNOWN		
Substance	t>	WASTE DILDIESEL		
Media Aff	ected:	SOIL ONLY		



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Version 2.6.1

Date of Report: September 9, 1999

## SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	1X STEVEN CREEK		VISTA ID#: Distance/Direction:	0.13 MI / W
	CUPERTINO, CA 95		Plotted as:	Point
ST - Abov	e Ground Storage Tank /		EPA/Agency ID:	N/A
Agency Ad		STEVENS CREEK QUARRY 12100 STEVENS CANYON RE CUPERTINO, CA 95014 NOT REPORTED	1	
Abovegrou	ind Tanks:	NOT REPORTED		
Tanks Ren	oved:	NOT REPORTED		
TATE LUS	T - State Leaking Undergr	ound Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ad		STEVENS CREEK QUARRY 12100 STEVENS CANYON RU CUPERTINO, CA 95014	2	
Facility ID		07S2W28801		
Leak Repo	rt Date:	02/06/95		
Case Close	d Date:	01/12/9€		
Remediation	on Event:	NO ACTION TAKEN		
Remediaci	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL ONLY		
Lead Agen	cy:	LOCAL AGENCY		
Region / I	District:	SAN FRANCISCO BAY RE		
Descriptio	n / Comment:	COUNTY: SANTA CLARAREY	NEW DATE: GY/10/96	
TATE LUS	T - State Leaking Underg	round Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ldress:	STEVENS CREEK QUARRY 12100 STEVENS CANYON RI CUPERTINO, CA	Ď.	
Facility ID	1	43-1402		
Leak Caus	4;	STRUCTURE FAILURE		
Leak Sour	ces	TANK		
Substance		GASOLINE		
Media Aff		SOIL ONLY		

#### SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	SEVEN SPRINGS RANCH	AY	VISTA ID#: Distance/Direction:	5354232 0.33 MI / SE
	CUPERTINO, CA 95014		Plotted as:	Point
STATE LUS	T - State Leaking Underground 5	orage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac Facility ID	1	EVEN SPRINGS RANCH 1601 DOROTHY ANN WY UPERTING, CA 95014 752W26G01		
Leak Repo	ert Date:	0/17/55		
Case Close	ed Date:	5/31/90		



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Mup ID

#### SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Remediation Event:	NO ACTION TAKEN		
Remediation Status:	CASE CLOSED		
Media Affected:	SO/L ONLY		
Lead Agency:	LOCAL AGENCY		
Region / District:	SAN FRANCISCO BAY RE		
Description / Comment:	COUNTY SANTA CLARAREV	NEW DATE: 10/31/95	- 150
STATE LUST - State Leaking Underground 6120	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	SEVEN SPRINGS RANCH 11801 DOROTHY ANN WY CUPERTING, CA		
Facility ID:	43-2110		
Leak Cause:	UNKNOWN		
Leak Source:	LIWKWOWW		
Substance:	GASOLINE		
Media Affected:	SOIL OWLY		

VISTA	STEVENS CREEK FOR	EST FIRE STA	VISTA ID#:	1220521
Address*:	13326 STEVENS CAN	And the second second second	Distance/Direction:	0.36 MI / W
	CUPERTINO, CA 950	3/101	Plotted as:	Point
STATE LUS	T - State Leaking Undergrou		EPA/Agency ID:	N/A
Agency Ad Facility ID		STEVENS CREEK FOREST FI 13326 STEVENS CANYON RE CUPERTINO, CA 95014 0752W28R61		
Leak Repo		05/17/98		
Case Close		08/31/98		
Remediatio	on Event:	NO ACTION TAKEN		
Remediatio	on Status:	CASE CLOSED		
Media Aff	ected:	SOIL ONLY		
Lead Agen	icy:	CRWDOS ACTIVE CASE		
Region / I		SAN FRANCISCO BAY RE		
Descriptio	a / Comment:	COUNTY SANTA CLARAREY	TEW D47E 08/71/98	
STATE LUS	T - State Leaking Undergrou	and Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	ddress:	STEVENS CREEK FUREST F 13326 STEVENS CANYON RE CUPERTINO. CA		
Facility ID	):	43-2237		
Leak Caus	e:	UNKNOWN		
Leak Sour	ce:	LINKNOWN		
Substance	;	DIESEL		
Media Aff	ected:	SOIL ONLY		



Map ID

Report ID: 671204300 Version 2.6.1

#### SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

VISTA	ACRIAN INC		VISTA ID#2	5069
Address*:	10131 BUBB RD		Distance/Direction:	0.71 MI / NE
	CUPERTINO, CA 95014		Plotted as:	Point
ORRACTS	S / SRC# 5896		EPA ID:	CAD092205889
Agency Ac		SAME AS ABOVE		
Prioritizati	on Status:	'NOT REPORTED'		
RCRA Fac	ility Assessment Completed:	DM		
	Concamination:	NO		
and the second second	tion of need For a RFI (RCRA vestigation):	WO		
RFI Impos	The second secon	NO		
	olan Notice of Deficiency	MO		
F. (1) 1	olan Approved:	WO		
ALCOHOL: M. P. St.	t Received:	NO.		
RFI Appro	and the second s	NO		
	r Corrective Action at this	NO		
Stabilizatio	on Mesaures Evaluation:	.NO.		
CM5 (Con Imposition	rective Measure Study)	NO		
CMS Worl	cplan Approved:	NO		
	rt Received:	NO		
CMS Appr	oved:	NO.		
Date for R Imposed):	temedy Selection (CM	NO		
Corrective	Measures Design Approved:	MD		
Sec. 100 to 100	Measures Investigation Approved:	MO		
	on of Remedy Completion:	NO		
	on Measures Implementation:	MO		
Stabilizatio	on Measures Completed:	MO		
Corrective	Action Process Termination:	MO		



Version 2.6 7

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# SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

VISTA	ZILOG INC		VISTA ID#:	481134
Address*:	10460 BUBB RD		Distance/Direction:	0.75 MI / NE
	CUPERTINO, CA 95014		Plotted as:	Point
CORRACTS	/ SRC# 5896		EPA ID:	CAD076314459
Agency Ad		GANDESCENT TECHNOLOG 10460 BUBB RD CUPERTINO, CA 95814	MES CORP	
Prioritizati	on Status:	LOW		
RCRA Faci	lity Assessment Completed:	NO		
Company of the second of the s	Contamination:	MO		
	tion of need For a RFI (RCRA vestigation):	NO		
RFI Impos		NO		
	plan Notice of Deficiency	WO		
RFI Works	dan Approved:	WO		
	Received:	NO		
RFI Appro	Control of the contro	Na		
Table To the Control of	r Corrective Action at this	NO		
Stabilizatio	on Mesaures Evaluation:	NO		
CM5 (Cor Imposition	rective Measure Study)	NO.		
Carlo	oplan Approved:	NO.		
	rt Received:	NO		
CMS Appr	oved:	NO.		
the state of the s	lemedy Selection (CM	WG		
	Measures Design Approved:	NO		
Corrective	Measures Investigation Approved:	MO		
and the second second	on of Remedy Completion:	MO		
	on Measures Implementation:	NG		
Stabilization	on Measures Completed:	NO		
Corrective	Action Process Termination:	NO		and the latest section and
RCRA-TSD	CORRACTS / SRC# 5896		EPA ID:	CAD076314459
Agency A	ddress:	CANDESCENT TECHNOLO 10450 BUBB RD CUPERTINO. CA 95014	CHES CORP	
Off-Site V	/aste Received:	NO		
Land Disp	osal:	NO		
Incinerato	Pt .	NO		
Storage/T	reatment:	ND		



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Date of Report: Suprember 9, 1999

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# UNMAPPED SITES

VISTA Address*:	CITY OF CUPERTING		VISTA ID#:	7291608
	CUPERTINO, CA 950			
TATE LUS	T - State Leaking Undergro	und Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ad		CITY OF CUPERTINO 22241 MCLELLAN RO CUPERTINO, CA 4252225		
Date Discovered:		062391		
Leak Repo		19910823		
Contamina	ation Confirmed Date:	000003 *		
Leak Sour		SPILL IS PROBABLE CA		
Wells Imp		0		
	on Status:	NO ACTION		
Priority:		NOT ON PRIORITY LIST		
Ta seem I	Tree 1	and a second	VISTA ID#+	937336

VISTA Address*:	US AIR FORCE SU 6594 SQUADRON SUNNYVILLE, CA	NNYVALE	VISTA ID#:	937336
TATE LUS		ground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Ac Facility ID		US AIR FORCE SUNNYVALE 6594 SQUADRON ST SUNNYVALE, CA 94809 43-0036		
Leak Repo		10/14/85		
Remediatio		NO ACTION TAKEN		
Remediatio	Transfer and the second	LEAK IS SUSPECTED AT SIG	INT, BUT NOT COME	
Media Aff		OTHER GROUND WATER		
Lead Agen		CRWQCB ACTIVE GASE		
Region / I		SAN FRANCISCO BAY RE		
and the same of th	n / Comment:	COUNTY SANTA CLARAREY	NEW DATE: DIVIDIZIES	

VISTA Address*:	STANFORD UNIVERSITY UNKNOWN KNOLL PALO ALTO, CA		VISTA ID#:	12666649
STATE LUS	T - State Leaking Uni	derground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency A	dress:	SAME AS ABOVE		
Facility ID	1	43-1382		
Leak Caus		STRUCTURE FAILURE		
Leak Sour	ce:	TANK		
Substance		WASTE OIL		
Media Aff	ected:	SOL DILY		



* VISTA address includes enhanced city and ZIP.

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Report ID: 871204300

Date of Report: September 9, 1999

Version 2.6 1

Page #10

#### UNMAPPED SITES CONT. VISTA ID#: 4826258 SEELEY ROAD PROPERTY VISTA Address*: SEELEY RD. SAN JOSE, CA N/A STATE LUST - State Leaking Underground Storage Tank / SRC# EPA/Agency ID: 4579 SEELEY ROAD PHOPERTY Agency Address: SEELEY RD SAN JOSE, CA 95116 4350260 Facility ID: 110888 Date Discovered: 19911217 Leak Report Date: 19910122 Contamination Confirmed Date: UNKNOWN

CLOSED

ORCHARD

NOT ON PRIDRITY LIST

META PARI	OSE ARENA	VISTA ID#:	7389790	
	OSE ARENA OSE, CA	N C. LT.		
TATE LUST - State	Leaking Underground Storage Tank /	SRC# EPA/Agency I	D: N/A	
Agency Address:	SAME AS ABOVE			
Facility ID: 4350538		4350538		
Leak Report Date: 19970620				
Wells Impacted:	0			
Remediation Statu	st' MACTIVE			
Description / Comment: MULTIPURPOSE ARENA				
Description / Comment: RESID UNDER PARK LOT		RK LOT-SLURRY WALL AND C	AP SEE JAW	

Address*: UNKNOWN UNK	SJ AIRPORT TERMINAL A BURN PIT UNKNOWN UNKNOWN SAN JOSE, CA		12667474	
STATE LUST - State Leaking Unde		EPA/Agency ID:	N/A	
Agency Address:	SAME AS ABOVE			
Facility ID: 43-2224		43-2224		
Leak Cause:	DINKNOWN	UNKNOWN		
Leak Source:	UNKOYOWN			
Substance:	GASOLINE	GASOLINE		
Media Affected: 50/L ONLY				



Leak Source: Wells Impacted:

Priority:

Remediation Status:

Description / Comment:

Version 2.6.1

	O SILVER CREEK BUSINESS PARK O SILVER CREEK VALLEY RD SAN 10SE, CA		12667351
	Inderground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	43-2326		
Leak Cause:	UNKNOWN		
Leak Source:	UNKNOWN		
Substance: REGULAR GASOLINEDIESE			
Media Affected:	SOIL ONLY		

VISTA Address*;	033011100	DFILL	VISTA ID#:	12362037
maiint /	SAN JOSE, CA		Agency ID:	2 438042001
Agency Ad Solid Wass Facility In System: Chapter 1 Solid Wass Toxic Pits RCRA Fac Departme Open To Number C Rank:	re Inventory System ID:  rpe: State Board Waste Discharger  5 Facility: te Assessment Test Facility: Cleanup Act Facility: clity: nt of Defense Facility:	SAME AS ABOVE 43-RH-000A SOLID WASTE SITES NO	CLASS III - Landliks for nonhear	
3-47-5-4	At Facility:	NO		

VISTA Address*:	910 COYOTE CREEK GO SAN JOSE, CA		VISTA ID#:	12551343
TATE SWI	F - Solid Waste Landfill / SRC#	5942	Agency 1D:	43-AN-0008
Agency Ad		SAME AS ABOVE		
Facility Ty		SOLID WASTE DISPOSAL FACILITY		
Facility Status:		ACTIVE		
Permit Sta		PERMITTED/LICENSED		



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Report ID: 871204300 Virtien 2.5.1

Date of Reports September 9, 1999

VISTA ST AIRPORT TERMINAL	A	VISTA ID#:	7290903
Address*: SAN JOSE, CA			
STATE LUST - State Leaking Underground	Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility ID:	<b>₹350533</b>		
Leak Report Date:	19970707		
Wells Impacted:	0		
Remediation Status:	WACTIVE		
Description / Comment:	BURN PIT-FOR FIRE TRAINING		
Description / Comment:	JET FUEL		

VISTA Address*:	SAN JOSE ARENA-SOUTHERN PACIFIC PARCEL SAN JOSE, CA		VISTA ID#:	7290910			
STATE LUS		ground Storage Tank / SRC#	EPA/Agency ID:	N/A			
Agency Ac	idress:	SAME AS ABOVE					
Facility ID:		4350534	4350534				
Leak Report Date:		19979409	19970409				
Wells Impa	acted:	0					
Remediation	on Status:	CLOSED					
Descriptio	n / Comment:	RR RIGHT OF WAY					
Description / Comment: TPH.		ТРН-МО@4300РРМ О+G@11	3000 IN SOIL				

VISTA Address*:	NORTH NINTH STREET SITE 620/640 NINTH STREET SAN JOSE, CA		VISTA ID#:	7291069	
STATE LUS	T - State Leaking Undergr	ound Storage Tank / SRC#	EPA/Agency ID:	N/A	
Agency Ad	dress:	SAME AS ABOVE			
W. T. C. C. D. C.		4350512	4350512		
Leak Repo	rt Date:	19960905			
Wells Impa	icted:	0<			
Remediation Status: REFERRED		REFERRED			

VISTA Address*:	R AND G ENVIRONMEN SAN JOSE, CA	TAL SERVICES	VISTA ID#	6830438
STATE SWI	F - Solid Waste Landfill / SRC#	5942	Agency ID:	43-AA-0010
Agency Ac	fdress:	SAME AS ABOVE		20-7-21-0-103-1
Facility Ty	pe:	TREATMENT PROCESSW	Ğ	
Facility Sta	acus:	ACTIVE		
Permit Sta	fusi	UNPERMITTEDIUNLICENS	ED	



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Report ID: 871204300 Date of Report: September 9, 1999 Report ID: 871204300 Version 2.6.1

County SWLF - County Solid Waste Landfill / SRC# 6130 43-AA-0010 Agency ID: SAME AS ABOVE Agency Address: TREATMENT PROCESSING Facility Type: ACTIVE Facility Status: UNPERMITTED/UNLICENSED Permit Status:

VISTA RICHARD CROCKER		1 to 1 7 1 1 to 1	VISTA ID#:	7291249			
Address*:	COMMERCIAL ST BU						
STATE LUS	T - State Leaking Undergro	ound Scorage Tank / SRC#	EPA/Agency ID:	N/A			
Agency A	idress:	SAME AS ABOVE					
Facility ID:		4350489					
Leak Repo	rt Date:	19960606					
Wells Imp	acted:	0					
Remediation		UNDEFINED					
Lead Agen		AJM					
Contact:		AM					

VISTA Address*:	S) AIRPORT TERM UNKNOWN SAN JOSE, CA	INAL A BURN PIT	VISTA ID#:	12640331			
STATE LUS		ground Storage Tank / SRC#	EPA/Agency ID:	N/A			
Agency Ad	idress:	SAME AS ABOVE					
Facility ID:		43-2224	43-2224				
Leak Report Date: 07/02/98							
Remediation		LEAK IS SUSPECTED AT SIG	HT, BUT NOT CONF				
Media Aff	ected:	SOIL ONLY	SOIL ONLY				
Lead Agency:		CRWGCB ACTIVE CASE	CRIWQCB ACTIVE CASE				
Region / I	7.76.76	SAN FRANCISCO BAY RE					
Descriptio	n / Comment:	COUNTY: SANTA CLARAREY	/IEW DATE 07/02/98				

VISTA Address*:	KETTLEMAN RO KETTLEMAN RO SAN JOSE, CA	AD SITE AD AND CLAREBANK	VISTA ID#:	7291230		
TATE LUS	T - State Leaking Uni	derground Storage Tank / SRC#	EPA/Agency ID:	N/A		
Agency Ac	idress:	SAME AS ABOVE				
Facility ID: 4350516						
Leak Repo	ert Date:	19950809				
Wells Imp	acted:	0.				
Remediati	on Status:	INACTIVE	INACTIVE			



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Version 2.6.1

UST's
VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5721
The agency release date for City of Palo Alto Underground Storage Tank List was December, 1998.

This database is provided by the City of Palo Alto Fire Department. The agency may be contacted at: 650-329-2184.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5837 The agency release date for City of Santa Clara Underground Storage Tanks was April,

1999.

This database is provided by the City of Santa Clara, Fire Department. The agency may be contacted at: 408-984-4109.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property. SRC#: 5946 The agency release date for Sunnyvale City UST List was January, 1999.

This database is provided by the City of Sunnyvale Department of Public Safety. The agency may be contacted at: 408-730-7212.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 6111 The agency release date for City of San Jose Underground Storage Tanks List was April, 1999.

This database is provided by the City of San Jose Fire Department. The agency may be contacted at: 408-277-4659.

UST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 6121 The agency release date for City of Milpitas UST List was July, 1999.

This database is provided by the City of Milpitas Fire Department. The agency may be contacted at: 408-942-3265.

AST's VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 5513 The agency release date for Aboveground Storage Tank Database was December, 1998.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

TRIS

VISTA conducts a database search to identify all sites within 1/4 mile of your property.

SRC#: 4946

The agency release date for TRIS was January, 1998.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities (Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.



# D) DATABASES SEARCHED TO 1/8 MILE

ERNS SRC#: 5598 VISTA conducts a database search to identify all sites within 1/8 mile of your property.

The agency release date for was December, 1998.

The Emergency Response Notification System (ERNS) is a national database containing records from October 1986 to the release date above and is used to collect information for reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of Transportation. The ERNS hotline number is (202) 260-2342.

RCRA-LgGen SRC#: 5896 VISTA conducts a database search to identify all sites within 1/8 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste ( or 1 kg./month of acutely hazardous waste).

RCRA-SmGen SRC#: 5896 VISTA conducts a database search to identify all sites within 1/8 mile of your property. The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



STATE LUST - State Leaking Ur 4579	oderground Storage Tank / SRC#	EPA/Agency ID:	N/A
Agency Address:	KETTLEMAN ROAD SITE KETTLEMAN ROAD CLARED SAN JOSE CA 4350518	ANK WAY	
	10982905		
Leak Report Date:	1 MASSICARCI		
Wells impacted:	0		

VISTA	ARCO #1998		VISTA ID#:	4824741
Address*:				
VOO(EX)	5472 ORANGETHORPE			
	LA PALMA, CA		Agency ID:	2 438026NO
	SRC# 5857	EASTSIDE LANDFILL	Agency (D)	12 730020110
Agency Ac		FARIS DRIVE SANJOSE, CA NOT REPORTED		
	e Inventory System ID:	SOLID WASTE SITES-CLAS	S 0) - Lavidilla for nonhau	andours solid wested
Facility Ty		NO		204777
Facility In	State Board Waste Discharger	MO.		
System:		No.		
The second secon	5 Facility:	NO		
Solid Wast	te Assessment Test Facility:	NO		
Toxic Pits	Cleanup Act Facility:	MO.		
RCRA Fac	ility:	NO		
100000	nt of Defense Facility:	NO		
Open To		NO		
	Of Waste Management Units:	*		
Rank:		NOT REPORTED		
	ents At Facility:	MO		

NO



Violations At Facility:

Version 2.6.1

	LAGUNA NIGUEL CLEANERS 30232 CROWN VALLEY A1	VISTA ID#:	235458	
-	LAGUNA NIGUEL, CA		# 470240NO1	
WMIIDS /	SRC# 5857	Agency ID:	2 438260NO1	

CUSOMER UTILITY LANDFILL Agency Address: BROKAW ROADIRIDDER PARK DRIVE

SAN JOSE CA

Solid Waste Inventory System ID:

NOT REPORTED

Facility Type:

ARLMICIPAL/DIOMESTIC - Faculties shall small saveign or a mission of predominantly sowings and other waste from districts, municipalities, communities, hospitals, schooland publicly or privately owned systems (excluding incavious) leading systems disposing

of tess than 1,000 gerons per day

Facility In State Board Waste Discharger

System:

NO Chapter 15 Facility:

NO. Solid Waste Assessment Test Facility: NO Toxic Pics Cleanup Act Facility: NO. RCRA Facility: NO.

Department of Defense Facility: NO. Open To Public: Number Of Waste Management Units:

NOT REPORTED Rank:

NO Enforcements At Facility: NO Violations At Facility:

VISTA ID#:	4826934
Agency ID:	2 000080500
٠	Agency ID:

NINE PAR SOLID WASTE DISPOSI Agency Address: HWY 237 TO ZANKER RD TO LOS ES

ALVISO, CA 0

Solid Waste Inventory System ID:

41-AN-0005

Facility Type:

Not reported

Facility In State Board Waste Discharger

System:

NO Chapter 15 Facility:

Solid Waste Assessment Test Facility: Toxic Pits Cleanup Act Facility:

RCRA Facility:

NO NO MO

NO

Department of Defense Facility:

NO

Open To Public:

NO.

Number Of Waste Management Units:

NOT REPORTED

Enforcements At Facility:

NO

Violations At Facility:

NO



VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Version 2.5.1

Date of Report: September 9, 1999

# SITE ASSESSMENT PLUS REPORT (PROPERTY BOUNDRY EXTENDED 1/2 MILE)

# DESCRIPTION OF DATABASES SEARCHED

## A) DATABASES SEARCHED TO I MILE

NPL SRC#: 5984 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for NPL was July, 1999.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL SRC#: 5949 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for Calsites Database: Annual Workplan Sites was April, 1999.

THE TEXAS SOLID WASTE FACILITIES PERMIT APPLICATIONS FILE CURRENTLY INCLUDES RECORDS WITH ADDRESSES THAT HAVE LITTLE LOCATIONAL VALUE. A SMALL SAMPLING OF THESE SITES WILL BE INCLUDED IN THE UNMAPPABLE SECTION OF VISTA REPORTS. THE TNRCC IS DEVELOPING A GIS DATABASE FOR SOLID WASTE FACILITIES THAT WILL INCLUDE MAPPABLE LOCATION. UNTIL THIS DATABASE IS AVAILABLE, VISTA ENCOURAGES FURTHER INVESTIGATION BY THE ENVIRONMENTAL PROFESSIONAL TO LOCATE ALL POSSIBLE LANDFILLS IN THE AREA.

CORRACTS SRC#: 5896 VISTA conducts a database search to identify all sites within 1 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

#### B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS SRC#: 8078 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for CERCLIS was May, 1999.

The CERCLIS List contains sites which are either proposed to or on the National Priorities

The CERCLIS List 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. The information on each site includes a history of all pre-remedial, remedial, removal and

community relations activities or events at the site, financial funding information for the events, and

unrestricted enforcement activities.



Cal Cerclis SRC#: 2462 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.

The CalSites database contains information on properties (or "sites") in California where hazardous substances have been released, or where the potential for such a release exists. This database is used primarily by the Department of Toxic Substances Control to evaluate and track activities at sites that may have been affected by the release of hazardous substances. Also see SPL/SCL: Annual Work Plan (AWP) sites are classified as SPL and all the other sites are classified as SCL.

NFRAP SRC#: 6079 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for CERCLIS-NFRAP was May, 1999.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SCL SRC#: 5948 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was April, 1999.

The CalSites database contains information on properties (or "sites") in California where hazardous substances have been released, or where the potential for such a release exists. This database is used primarily by the Department of Toxic Substances Control to evaluate and track activities at sites that may have been affected by the release of hazardous substances. Also see SPL/SCL: Annual Work Plan (AWP) sites are cleassified as SPL and all the other sites are classified as SCL.

The CalSites database includes both known and potential sites. Two-thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

RCRA-TSD SRC#: 5896 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for HWDM5/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF SRC#: 5942 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Ca Solid Waste Information System (SWIS) was April, 1999.

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

The California Solid Waste Information System (SWIS) database consists of both open as well as closed and inactive solid waste disposal facilities and transfer stations pursuant to the Solid Waste Management and Resource Recovery Act of 1972, Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies.



SWLF SRC#: 5945 VISTA conducts a database search to identify all sites within 1/2 mile of your property. The agency release date for City of Los Angeles Landfills was April, 1999.

This database is provided by the City of Los Angeles, Environmental Affais Department. The agency may be contacted as: 213-580-1070.

WMUDS SRC#: 5857 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Waste Management Unit Database System (WMUDS) was February, 1999.

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-892-0323. These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".

The WMUDS system also accesses information from the following databases from the Waste Discharger System (WDS): Inspections, Violations, and Enforcements. The sites contained in these databases are subject to the California Code of Regulations - Title 23. Waters.

LUST SRC#: 4579 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #2-North and South Bay SLIC Report was January, 1998.

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

LUST RG6 SRC#: 5670 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Lahontan Region LUST List was January, 1999.

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

LUST RG3 SRC#1 6021 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #3-Central Coast Region LUST List was June, 1999.

This database is provided by the Regional Water Quality Control Board, Region #3. The agency may be contacted at: 805-542-4695.

LUST SRC#: 6024 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Lust information System (LUSTIS) was April, 1999.

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-445-6532.

SRC#: 6112

VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #3-Central Coast Region 5LIC List was July, 1999.

This database is provided by the Regional Water Quality Control Board, Region #3. The agency may be contacted at: 805-542-3399.



LUST RG2 SRC#: 6120 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Region #2-San Francisco Bay Fuel Leaks List was June, 1999.

This database is provided by the Regional Water Quality Control Board, Region #2. The agency may be contacted at: 510-286-1269.

CORTESE SRC#: 4840 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Cortese List-Hazardous Waste Substance Site List was April, 1998.

This database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532.

The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Role (Chemical Manufacturers); (12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

Deed Restrictions SRC#: 1703 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for Deed Restriction Properties Report was April, 1994.

This database is provided by the Department of Health Services-Land Use and Air Assessment. The agency may be contacted at: 916-255-2014.

California has a statutory and administrative procedure under which the California Department of Health Services (DHS) may designate real property as either a "Hazardous Waste Property" or a "Border Zone Property" pursuant to California Health Safety Code Sections 25220-25241. Hazardous Waste Property is land at which hazardous waste has been deposited, creating a significant existing or potential hazard to public health and safety. A Border Zone Property is one within 2,000 feet of a hazardous waste deposit. Property within either category is restricted in use, unless a written variance is obtained from DHS. A Hazardous Waste Property designation results in a prohibition of new uses, other than a modification or expansion of an industrial or manufacturing facility on land previously owned by the facility prior to January 1, 1981. A Border Zone Property designation results in prohibition of a variety of uses involving human habitation, hospitals, schools and day care center.



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Report ID: 871204300

Date of Report: September 9, 1999
Page 428

Toxic Pits SRC#: 2229 VISTA conducts a distabase search to identify all sites within 1/2 mile of your property.

The agency release date for Summary of Toxic Pits Cleanup Facilities was February, 1995.

This database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396. These are regional utility descriptions for California CERCLIS sites.

South Bay 5RC#: 1719 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for South Bay Site Management System was April, 1994.

This database is provided by the San Francisco Bay Region. The agency may be contacted at: .

Water Wells 5RC#: 5384 VISTA conducts a database search to identify all sites within 1/2 mile of your property.

The agency release date for USGS WATER WELLS was March, 1998.

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database consains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used, or otherwise had reason to document through the course of research. The agency may be contacted at 703-648-6819.

# C) DATABASES SEARCHED TO 1/4 MILE

RCRA-Viols/En VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for HWDMS/RCRIS was May, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compliation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste, RCRA Violators are facilities which have been cited for RCRA Violations at least once since 1980. RCRA Enforcements are enforcement actions taken against RCRA violators.

UST's SRC#: 1612 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for Underground Storage Tank Registrations Database was January, 1994.

This database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. The agency may be contacted at: 916-227-4364.

UST's 5RC#: 5495 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for City of Mountain View Underground Storage Tank List was December, 1998.

This database is provided by the Mountain View Fire Department. The agency may be contacted at: 650-903-6378.

UST's SRC#: 5477 VISTA conducts a database search to identify all sites within 1/4 mile of your property.

The agency release date for Hazmat Facilities Database, Underground Storage Tanks of Santa Clara County was January, 1999.

This database is provided by the Santa Clara County Fire Department. The agency may be contacted at: 408-378-4010.



For more Information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 871204300

Date of Report: September 9, 1999

Page #27



SITE RESTORATION REPORT McDONALD DORSA PROPERTY CUPERTINO, CALIFORNIA FOR PH PROPERTY DEVELOPMENT COMPANY

> Job No. 27862-003-043 November 22, 1999



223 Main Street, Spary 6, 41 Sun Francisco, College on 94(05, 15),7 415 Sept. 9888 Cell 415 883 505 5 Fax

November 22, 1999 Job No. 27862-003-043

PH Property Development Company 945 East Pace's Ferry Road, Suite 2515 Atlanta, GA 30326-1125

Attention:

Mr. Jeffrey Harland

Dear Mr. Harland:

Site Restoration Report
McDenald Dorsa Property
Cupertino, California
For PH Property Development Company

This report summarizes site restoration activities conducted during 1998 and 1999 on an approximately one acre portion of the 130 acre McDonald Dorsa property in Cupertino. California. The work was required after the remediation of a former unregistered landfill by the City of Cupertino to restore the property to its approximate configuration prior to the excavation of the landfill.

If you have any questions, please give me a call. We appreciate the opportunity of working with you on this interesting and challenging assignment.

Very truly yours,

DAMES & MOORE

Raymond H. Rice

Principal Engineering Geologist

# Brian Kangas Foulk

Engineers • Surveyors • Planners

December 3, 1999.

Mr. Jetfrey Hagland PH Property Development Company 948 East Paces Ferry Road, Suite 2515 Alfania, Georgia, 30326

Subject: Certification of Compliance - McDonald Dersa She Restoration

Dear Justi

This is to certify that the work and materials used to completed the construction of the site restoration of the subject project are in conformance with the intent of the project plens and specifications subject to compliance of the work with the grotechment recurrements to the satisfaction of the Geotechnical Engineer

Attached are the four sets of the Record Drawings for the subject project requisited during our recent telephone conversion today. The original approved cupy of the record drawings will be maintained at our office onless directed otherwise.

Please call of we can be of further service.

Very truly years.

BRIAN-KANGAS FOURK

Lee Pauline

Construction Administrator

# TABLE OF CONTENTS

	Page
1.0 INTRODUCTION AND PURPOSE	1
2.0 BACKGROUND	2
3.0 SITE RESTORATION	4
3.1 ENVIRONMENTAL ANALYSIS	
3.2 GEOTECHNICAL TESTING	
4.0 CONCLUSIONS	5
4.1 ENVIRONMENTAL	
4.2 GEOTECHNICAL	
LIST OF REFERENCES	7
FIGURES	
Figure 1 Sate Vicinity Map	
Figure 2 Grading and Erosion Control Plan	
Figure 3 Compaction Test Locations	
Figure 4 Property Dedicated to City of Cupertino	
APPENDICES	
Appendix A - Chemical Testing of Imported Fill Material, July 1999	
Appendix B Compaction Test Results - Initial Site Restoration, Fall 1998	
Appendix C Compaction Test Results - Final Site Restoration, July 1999	

# SITE RESTORATION REPORT McDONALD-DORSA PROPERTY CUPERTINO, CALIFORNIA FOR PH PROPERTY DEVELOPMENT COMPANY

#### 1.0 INTRODUCTION AND PURPOSE

An approximately 130-acre parcel known as the McDonald-Dorsa property, located as shown on Figure 1 in Cupertino, California, is owned by PH Property Development Company (the Owner). In the fall of 1996, anecdotal information received from neighbors indicated that a landfill might have existed on the property during the 1960s and 1970s.

To determine if this information was accurate, PH Property Development Company contracted with Dames & Moore to conduct an investigation in an attempt to identify the existence of a tormer landfill. A geophysical investigation consisting of a magnetometer survey, electric resistivity survey and seismic refraction profiling was conducted by a subcontractor to Dames & Moore (JR Associates, 1997). The results of this investigation revealed that an approximately one acre portion of the property, near the intersection of Stevens Canyon Road and Ricardo Road, had formerly functioned as an unregistered landfill.

The City of Copertino took lead responsibility for cleaning up and remediating the former landfill, and conducted a series of investigations to characterize its contents and its lateral and vertical extent. The City subsequently developed and implemented a Removal Action Workplan that involved excavation and off-site disposal of landfill materials as well as environmental sampling and analysis to demonstrate completion of remedial activities. The work was conducted in accordance with the Environmental Cleanup Agreement between the City and the Owner dated September 26, 1997. These activities are summarized in two reports prepared by Camp. Dresser, and McKee Inc. (CDM), consultants to the City (CDM, 1998c, 1999c).

Upon completion of site remediation, a Site Restoration Plan was developed by Brian Kangas Foulk, Consulting Engineers (BKF) on behalf of the Owner. Dames & Moore (D&M) provided environmental and geotechnical consulting services to the Owner during the entire remediation and restoration process.

This report presents the results of our observations and investigations relative to environmental and geotechnical issues associated with restoration activities.

#### 2.0 BACKGROUND

After learning of the reported landfill near Stevens Canyon Road, its presence, and its approximate lateral and vertical extent, was investigated by means of a geophysical survey program conducted by a subcontractor to D&M. The results of this investigation, which included magnetometer, resistivity, and seismic refraction surveys, suggested that landfill materials occupied an area of about one agre to a depth of approximately 30 feet, representing the filling of a former natural ravine (JR Associates, 1997).

An initial attempt to characterize the former landfill was conducted by Brown. Vence and Associates, Inc. (BVA), consultants to the City, by means of a trenching and analytical program (BVA, 1998). This investigation concluded that the landfill materials contained total lead concentrations ranging up to 980 parts per million (ppm). Waste Extraction Testing was performed to evaluate the lead's solubility characteristics. All samples tested exceeded the Soluble Threshold Limit Concentration (STLC) for lead defined by the California Code of Regulations, Title 22; this is the method used to classify materials as a California hazardous waste. The source of the lead is unknown but presumed by the City to be primarily related to street sweepings containing leaded gas residues.

The City retained CDM to develop a Removal Action Workplan to clean up the former landfill. This document (CDM, 1998a) was approved by the County of Santa Clara. Department of Environmental Health (County Health) and remediation activities commenced on September 15, 1998. This work was performed by Performance Excavators, Inc. of San Rafael, California, Excavation and contirmatory sampling activities were completed by the end of October 1998, except for a small area adjacent to private property and Stevens Canyon Road in the extreme northwestern portion of the property. The results of the confirmatory sampling program, conducted by both CDM and D&M, were presented in a December 17, 1998 transmittal to County Health, which also requested approval to initiate site restoration activities. The site restoration program agreed to by the City was to re-establish the pre-landfill raving configuration. Approval was granted on December 23, 1998.

Imitial site restoration commenced in late October 1998. It consisted of the placement of fill materials imported from a nearby construction site, material developed by on-site cutting and reworking of excavated slopes, as well as material from the nearby Stevens Creek Quarry Approximately 2,000 cubic yards of fill soil was brought to the site and about 1,500 cubic yards placed in the excavation as engineered fill by the City under the direction of CDM. Data concerning the initial fill placement are contained in an attachment to CDM's Site Restoration Plan (1999a).

Restoration activities were suspended in mid November 1998 due to inclement weather. A silt fence was installed at the southern end of the excavation adjacent to an 18 inch diameter reinforced concrete pipe (RCP) that was exposed in the deepest part of the excavation. The pipe drained southerly under the access road toward Stevens Creek. This pipe was subsequently plugged at its upstream end by the City using sand bags.

Prior to resuming site restoration activities in 1999 a request was made to the California Regional Water Quality Control Board (RWQCB) for concurrence that a groundwater investigation is not warranted, based on the physical properties of the site, the local groundwater regime, and the results of the landfill excavation and confirmatory testing program. This request was articulated in a Summary of Findings dated May 5, 1999 (CDM, 1999b). This request was conditionally granted in a letter from the RWQCB dated May 20, 1999 (CDM, 1999c, Attachment A), that states:

"Based upon our review of the letter report [submitted by CDM], and that the letter report data accurately characterizes the Site, and that the remaining 100 cy of fill will be removed for appropriate disposal during site restoration, we concur with the report's recommendation that a groundwater investigation is not warranted at the Site."

In the spring of 1999, the Owner decided to complete site restoration activities, and to regrade the property to its approximate post-landfill configuration, rather than that of the former ravine. The Site Restoration Plan prepared by BKF is presented as Figure 2. The City agreed to pay an amount equivalent to restoration of the original ravine topography as well as to be responsible for the excavation and disposal of the remaining contaminated soil in the northwestern corner of the property.

Site restoration activities were accomplished by Performance Excavators between the period July 12 through July 30, 1999. Field inspection services were performed by D&M on behalf of the Owner and by CDM on behalf of the City for the excavation and disposal of the contaminated material in the northwestern corner of the property.

The following sections discuss environmental and geotechnical factors associated with the site restoration process.

#### 3.0 SITE RESTORATION

#### 3.1 ENVIRONMENTAL ANALYSIS

A discussion of the initial stage of site restoration activities is provided in CDM's December 17, 1998 report (CDM, 1998c) and the analytical test data for imported fill materials are summarized in Appendix C of that document.

The final phase of site restoration occurred during July 1999. Eight samples of proposed imported fill (designated DMP1-1 through DMP1-1 through DMP2-4 for the primary and secondary source piles of hank run material, respectively) were obtained by D&M from the Stevens Creek Quarry. Only samples from the primary source were analyzed because the quarry committed to providing all material from that location. The testing program included: Total Petroleum Hydrocarbons by EPA Method 8015M; Volatile Organic Compounds by EPA Method 8260; Organochlorine Pesticides and PCBs by EPA Method 8080/8082; Chlorinated Herbicides by EPA Method 8150; Polynuclear Aromatic Hydrocarbons by EPA Method 8270; and Total Lead by EPA Method 6010. Test results are provided in Appendix A. No constituents analyzed for were detected above their laboratory detection limits.

Two samples of imported materials were obtained after placement in the site fill and tested for the same suite of analytes. Results from these samples, designated Fill-1 and Fill-2, are presented in Appendix A. No detections were reported.

#### 3.2 GEOTECHNICAL TESTING

Placement of approximately 1,500 cubic yards of imported fill was conducted during the fall of 1998 under the observation of GeoSyntee Consultants, acting as subcontractor to CDM. Compaction curves and field compaction test results for this portion of the site restoration project are contained in Appendix B.

After removing the silt fence installed at the conclusion of construction activities in the fall of 1998, the contractor reworked the bottom of the excavation to dry it out and prepare for the completion of filling and compaction.

Two compaction curves were obtained for the remainder of the fill materials imported during July 1999, a volume of about 17,500 cobic yards (30,000 tons). Fill compaction was performed by Performance Excavators. Inc., under the observation of a D&M engineer. The project specifications required compaction to at least 90% of the maximum dry density as measured by ASTM D-1557. The D&M representative performed 78 moisture-density measurements using a

nuclear gauge at the approximate locations shown on Figure 3. The typical material was a brown gravelly silt with sand that had a maximum dry density of 134 pounds per cubic foot (pcf) and an optimum moisture content of 10%. A relatively small volume of a gray gravelly silt with sand (150 pcf maximum dry density, 5% optimum moisture content) was placed near the end of the project. Of the 78 measurements performed, all but 6 were of the first material. Only two tests indicated that the material was placed at less than 90% compaction; both areas were reworked and retested. The retests passed (93% and 94%). The average of all 78 tests was 94% compaction. Geotechnical test results for the final stage of site restoration are contained in Appendix C.

During the filling and compaction process the contractor benched the new fill into the existing ravine side slopes in order to bond the fill to the native material in accordance with established practice.

#### 4.0 CONCLUSIONS

#### 4.1 ENVIRONMENTAL

The former unregistered landfill on the McDonald-Dorsa property was excavated and properly disposed by the City of Cupertino. In a December 23, 1998 letter, the County of Santa Clara. Department of Environmental Health approved the City's action to initiate site restoration activities. In a May 20, 1999 letter, the RWQCB provided a conditional concurrence that a groundwater investigation at the site is not warranted. On September 8, 1999, CDM, on behalf of the City, submitted to the Santa Clara County Department of Environmental Health the Final Removal Action Report in which CDM reported that, based on sampling data and field visual observations, it is CDM's opinion that "the non-native material was successfully removed and that no further action is required by the City or any other party at the Site." CDM requested the Department of Environmental Health to provide a written concurrence. A concurrence has not yet been received from the Department.

The approximate topography of the site, as it existed prior to excavation of the landfill, has been restored by the placement of almost 20,000 cubic yards of imported fill. Chemical testing of the imported fill materials was conducted prior to placement by CDM in 1998 and by D&M in 1999. Two samples of in-place fill materials were also tested for chemical analytes by D&M. The results of these analyses indicate that the imported fill is non-hazardous and is suitable for the development of residential properties

An approximately 0.12 acre portion of the property, located as shown on Figure 4, will be dedicated to the City by the Owner in order to facilitate roadway widening.

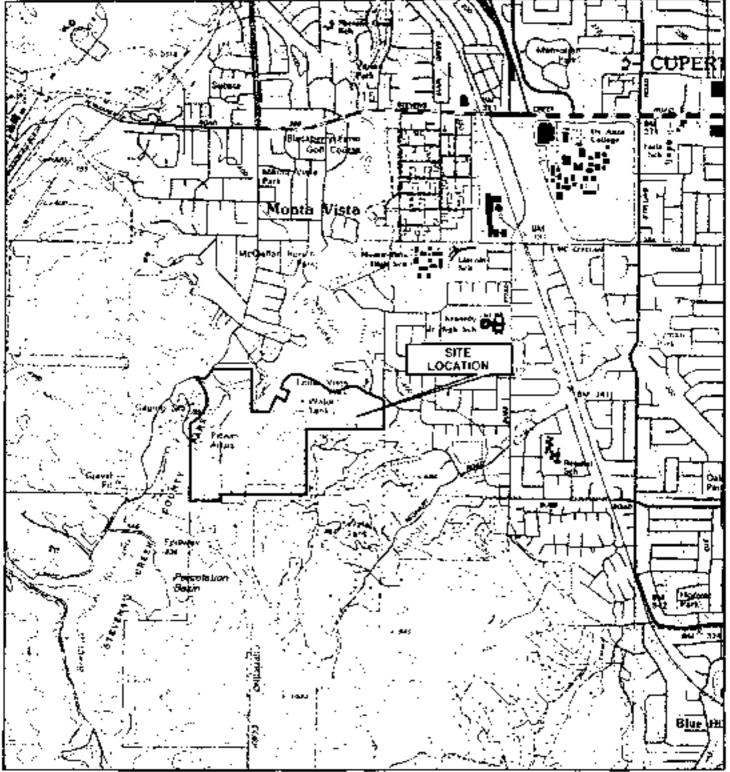
Based on these actions, it is our professional opinion that the former presence of the landfill should not constitute an environmental constraint to the development of this property for residential usage.

#### 4.2 GEOTECHNICAL

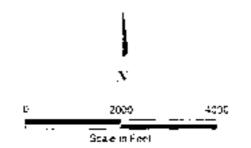
Compaction testing of imported fill materials and field observation of construction activities has been conducted primarily by D&M on behalf of the Owner as well as by GeoSyntee Consultants, initially, on behalf of the City. Based on review of previous data, our compaction testing and field observations, it is our professional opinion that the earthwork was performed in accordance with the intent of the project specifications and that the site is suitable for the development of residential properties

# LIST OF REFERENCES

Brian Kangas Foulk, 1999. Site Restoration Plan. PH Property, McDonald Dorsa Site, June 22.
Brown, Vence & Associates, Inc., 1998, PH Properties Site, Initial Remedial Investigation and Analysis, July.
California Regional Water Quality Control Board, San Francisco Bay Region, 1999, Response to Summary of Findings, PH Property Development Company Site, Stevens Canyon Road near Ricardo Road, Cupertino, California, May 20.
Camp Dresser & McKee, Inc., 1998a. Removal Action Workplan. PH Proporties Site. Cupertino California, August 24.
, 1998b, Addendum #1 to Removal Action Workplan, PH Properties Site, Cupertino, California, November 18.
. 1998c, Report for Approval to Initiate Site Restoration Activities, PF Properties Site, Stevens Canyon Road near Ricardo Road, Cupertino, California December 17.
, 1999b, Summary of Findings, PH Property Development Company Site, Stevens Canyon Road near Ricardo Road, Cupertino, California, May 5.
County of Santa Clara, Environmental Resources Agency, Department of Environmental Health 1998, Response to Request for Approval to Initiate Site Restoration Activities, for Pl- Properties Site in Cupertino, December 23.
JR Associates, 1997, Geophysical Investigation at an Alleged Landfill off Stevens Canyon Road Cupertino, California, March 31.



Source: USGS 7.5 Minute Series (Topographic), Cupervino, CA Quadrangle, 1991



# PH Property Development Co. McDonald Jorsa Property Cupertino, CA

Ĉ DAMES & MUGRE

November 1999

27862 003 043

FIGURE 1



Supro Bhan Kangus Fould Site Hostoration Man (2023 19)

Sate 10 year in a Residence bing Reg. 11 Collection

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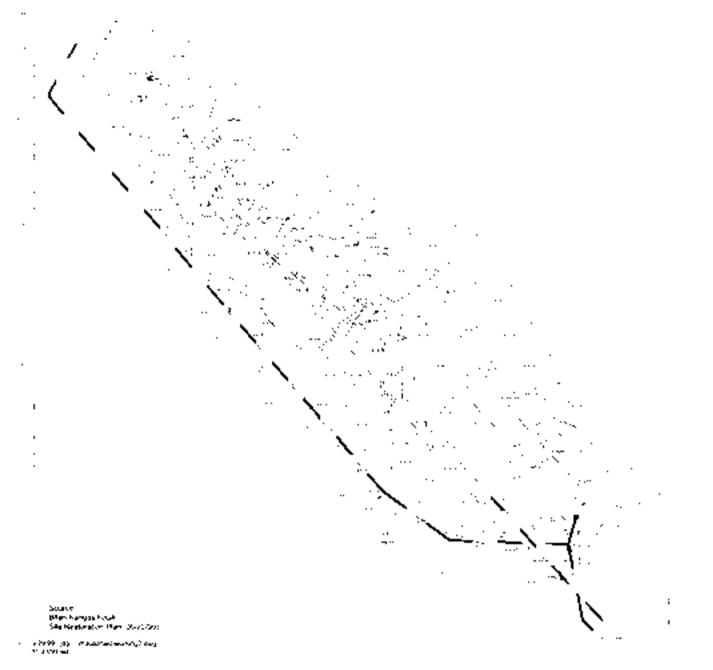


# APPROXIMATE NUCLEAR GAUGE DENSITY TEST LOCATIONS

Site Resources Phil Process Development Company Mic Document Document Company Аскомож 19<del>75</del> 27862401 ОР Coperino Dalfema

Transfer of

FF)QRC )



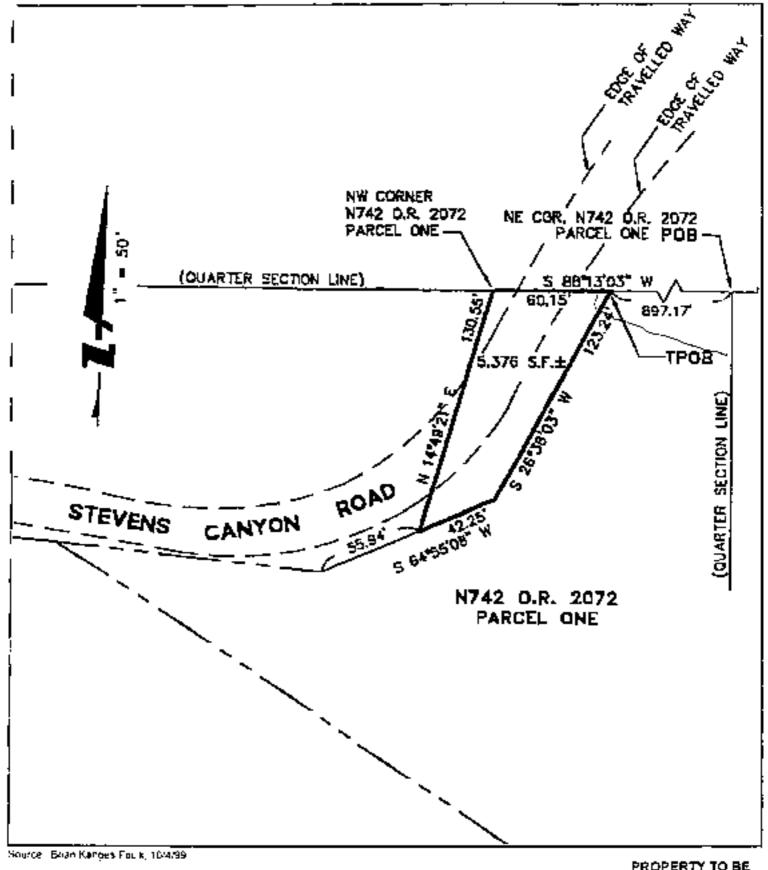


#### GRADING AND EROSION CONTROL PLAN

Ser Herbyspon 194 Projectly Georganian Company Mil Dunial Dunia Projecty Gugan to Galland

November 1999 11862-003-043 <u> James man</u>

149-06-7



# PROPERTY TO BE DEDICATED TO CITY OF CUPERTINO

PH Property Development Co-November 1999 McDunald Dorsa Property 27862-003-043 Cuperisso, CA

🕏 Dames & Modre

FIGURE 4

525 Del Rey Avenae, Suite E * Sunnyvale, CA 94086 * (408) 735-1550 * Lax (408) 735-1554

July 9, 1999

Sergio Rojas Dames & Moore 2001 Gateway PL, Suite 270 W San Jose, CA 95110

Subject:

4 Soit Samples

Lab #1sc

15132-001 - 15132-004

Project Name:

Dorsa

Project Number.

27862-003-043

P.O. Number

Method(s)

EPA 8260, EPA 8015M, EPA 6010

EPA 8080/8082, EPA 8270, EPA 8150 - APCL

Subcontract Lab:

Applied P&Ch Laboratory (CAELAP #1431)

#### Dear Sergio Rojas.

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (#1-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson

Lab Director.

# Entech Analytical Labs, Inc.

CA ELAP= 1-2346

525 Del Rey Avenae, Suite F. & Signiv, Gée, CA 94086 # 308 (235-1550 # Lax 408 (235-1554

#### NARRATIVE

Lab #1s:

15132-001 - 15132-004

## SUMMARY:

Four (4) soil sample was received from Dames & Moore on July 7, 1999. Sample confer was scaled and intact at time of sample receipt.

#### FINDINGS:

All Quality Control parameters are within established control lamits.

525 Del Rey Avengo, Suito I. • Sunnevalo, CA 94086 • (408) 735-1550 • Fax: 408-735-1554

Dames & Moore 2001 Gateway Place, Suite 270 W

San Jose, CA 95110 Attn: Sergio Rojas Date: 7/9/99 Date Received: 7/7/99

Project: 18orsa 27862-003-043

PO #:

Sampled By: Client

### Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg)

	4		477								
Sample ID	DMP1-1			DMP1-2	•		DMP1-3		]	П	
Sample Date	7/7/99			7/7/99			7/7/99				
Sample Time								_			
Lab #	15132-001			15132-002			15132-003		1		
	Result	DF	DLR	Result	DF	DLR	Result	DF	DLR	PQi.	Method
Extraction	πιc			Turc			TITLO	]			3050
Extraction Date	7/8/99			7/8/99			7/8/99				
Analysis Date	7/9/99			7/9/99			7/9/99				
QC Baich #	SM990710			SM990710			SM990710		1		
Lesd	ND	1 11	5 (1	ND	1.0	5.0	ND	1.0	50	3.0	6010
Extraction Date	7/7/99	:		7/7/99			7/7/99		٦		
Analysis Date	7/8/99			7/8/99	]		7/8/99				
QC Batch #	DS990703			DS990703			115990703				
Total TPH-Extractable	ND			NĐ			ND			_	8015M
Individual TPH Results:											
TP#(-Dieset	ND	10	10	ND	Lft	1.0	ND	1.0	1.0	0.1	<b>8</b> 015M
TPH-Motor Oil	NĐ	1.0	13	ND	L.D	13	ND	1.0	13	13	8015M
TPH-Bunker Oil	ND	1.0	1.0	ND	1.0	10	NO	10	1.0	1.0	8015M
TPE-Jet Fuel (JP-5)	ND	1.0	10	ND	1.0	1 11	םא	1.0	1.0	1,0	8015M
TPH-Stoddard	ND	1.0	1.0	ND	1.0	1.19	ND	1.0	1.0	t.0	8015M
TPH-Hydrealic Oil	ND	1.0	13	ND	1.0	13	ďИ	10	13	13	8015M
TPIC-Fuel Off	ND	1.0	10	ND	1.0	i.D	ND	1.0	1.0	1.0	8015M
Hexacosane	76%			85%			77%		]		
Analysis Dole	7/8/99			7/8/99			7/8/99				
QC Batch #	GBG49907	Ú8		GBG49907	08	_	GBG49907	08	]		
Total TPH-Purgeable	ND			ND			ND				8015M
Individual TPH Results:											
TPH-Gas	ND	1.0	1.0	ND	10	1.0	ND	1.0	1 11	1.0	8015M
TPH-A-lation Gas	₩D	1.0	1.0	ND	E.D	140	ND	1.0	1.0	1.0	8015M
TPH-Mineral Spirits	ND	1.0	1.0	ND	<b>6.0</b>	1.0	ND	1.0	1.0	1 0	8015M
ສ,ສ,ສະ Trifl <u>yor</u> ງກວໄນຂກອ	95%			89%			93%	·			

Mitchelle L. Anderson, Lab Director

525 Del Rey Avenge, Suite F. • Sennycale, CA 94086 • (408) 735-1550 • Lax (408) 735-1554

Dames & Moore 2001 Guteway Place, Suite 270 W

San Jose, CA 95110 Attn: Sergio Rojas Date: 7/9/99 Date Received: 7/7/99

Project: Dorsa 27862-003-043

PO #:

Sampled By: Client

## Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg) Sample ID DMP1-4 Sample Date 7/7/99 Sample Time Lab # 15132-004 Result DF DLR POL. Method Extraction TTLC 3050 7/8/99 Extraction Date Analysis Date 7/9/99 OC Batch # SM990710 Lead ND 6010 Extraction Date: 7/7/99 Analysis Date 7/8/99 QC Batch # DS990703 Total TPH-Extractable ND 8015M Individual TPH Results: TPH-Diesel ND L.D 1.0 Løl. 8015M TPH-Motor Oil ND 1.0 [3] 13 8015M TPH-Bunker Oil 1.0 ND 1.0 8015MTPH-Jet Fuel (JP-5) ND 1.0 1.0 1.0 8015M TPH-Stoddard ND 10 1.0 8015M TPR-Hydenulic Oil ND 1.0 13 13 2015M **TPH-Fuel Oil** ND LΦ 1.0 8015M Mexacusane 71% Analysis Date 7/8/99 OC Batch # GBG4990708 Total TPH-Purgeable 8015M Individual TPH Results: TPH-Gas ND 1.0 1.0 8015M TPH-Aviation Gas ND 1.0 1.0 1.0 8015M TPH-Mineral Spirits ND 1.0 8015M. а,а,а-Тгіяшогою інеле 91%

-Michelle L. Anderson, Lab Director

525 Del Rev Avenno-Suire L. Sunnyvale, CA 94086 * 6408 (735-1550 * Lax 6408 (735-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Date Reported: 7/9/99

Sample Matrix: Soil Sample Date/Time: 7/7/99

Date Received: 7/7/99
Date Analyzed: 7/9/99

Lab #: 15132-001

Dilution Factor: 1

Client ID: DMP1-1

QC Batch #: SGCMS990707

Compound	Value	ľQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	100	100	Chloraform	ND.	- 5	- 5
Acrylonitrile	Nb	] " [5]	- 5	Chloromethane	ND	5	- 5
Allyl Chloride	ND	- 5	5	2-Chlorotoluene	ND	5	.5
tert-Amyl Methyl Ether	NĐ	5	. 3	4-Chlorotoluene	ND	5	- 5
Benzene	ND	5	5	Dibromochloromethane	ND	. 5	- 5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	- 5
<b>Ито</b> товелие	ND	5	- 5	1.2-Dibromoethane	ND	- 5	- 5
Bromochiaromethane	ND	5	5	Dibromomethane	ND T	5	
Bromodichloromethane	ND	5;	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	51	5	trans-1.4-Dichloro-2-butene	ND	20	20
Bromomethane	IND	5	5	Dichlorodifluoromethane	ND	- 5	5
tert-Butanol	ND	201	20	1.2-Dichlorobenzene	ND	5	
2-Butanone (MEK)	ND	20,	20	1.3-Dichlorobenzene	ND	5	
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	- 5	- 5
n-Butylbenzene	ND	- 5	5	1.1-Dichloroethane	ND	5	- 5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	- 5	5
tert-Butylbenzene	ND	5	.5	1.1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	eis-1,2-Dichloroethene	ND	3	5
Carbon Tetrachloride	ND	\$]	5	truns-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	5	5
Chloroethane	ND	- 3		1.3-Dichloropropane	ND	- 5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	\$	5

Surrogate Recovery (%)
Dibromofluoromethane 102
Toluene-d8 106
4-Bromofluorobenzene 96

1. Results are reported in ug/kg (ppb).

2. DLR- DE x POL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Described at or above SILR DLR Detroition Reporting Limit PQL Practical Quartitation Limit

DF Dilation Factor

523 Del Rey Acenue, Suite E • Sunnyvalo, CA 94086 • 408- T35-1560 • Fax: 406: T35-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99 Lab #: 15132-001

Client ID: DMP1-1

Date Received: 7/9/99 Date Received: 7/7/99 Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	[ PQL]	DLR	Compound	Value	PQL	_ DLR
1.1-Dichloropropene	ND	. 5	5	Tetrachloroethene	ND	5.	5
cis-1,3-Dichtoropropene	ND	5	5	Tolucne	ND	5	
trans-1.3-Dichloropropene	ND	5	5	1,2,3-Trieblorobeazene	ND	. 5	5
Dissopropyl Ether	ND	.5	5	1,2,4-Trichtorobenzene	ND		
Ethyl Methacrylate	ND	5	5	1.2.3 Trichioropropane	ND	- 5	5
Ethylbenzene	ND	- 3	5	1,1,1-Trichloroethane	ND	] 5]	5
Hesachlorobutudiene	NĐ	5	5	1.1.2-Trichloroethane	ND	- 5	5
2-Hexagone	ND	20	20	Trichloroethene	ļŅĐ	] 5]	5
iodomethuor	ND	5	5	Trichlorofluoromethane	ND	. 5	5
Isopropylbenzene	NÜ	- 5	5	1.2.4-Trimethylbenzene	]ND	lsl	
p-Isopropylioluene	ND	- 5		1.3.5-Trimethylbenzenc	NĐ	- 5	5
Methacrylonitrile	ND	5	\$	Xylenes (total)	מא	- 5	5
Methyl Methacrylate	NÜ	. 5	5	Vinyl Chloride	ND	_5	. 5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND	5				Π" ]	
Methylene Chloride	מא	5	5				
Naphthalene	ND	5	- 5		1	.	
Pentachioroethane	NE	5	.5				
Propionitrile	ND	5	3				
n-Propylbenzene	ND	5					
Styrene	ND	5	5		] -		
1,1,1,2-Tetrachloroethane	ND	5	5				
1.1.2.2-Tetrachloroethane	ND	5	5	<u> </u>			

Surrogate	Recovery (%)
Dibromofluoromethane	102
Toluene-d8	401
4-Bromoftworobenzone	96

1. Results are reported in ug/kg (pph).

2. Dt.R= DF x PQL

 Analysis performed by Entech Analytical Labs, Inc. (CAFLAP #I-2346)

Michelle Beninderson Lab Darreton

ND: None Delegged at or above III R DLR: Detection Reporting Lemit PQL Practical Quartitation Linear

DF Diffusion Factor

425 Del Rey Acesor, Suite L. Sunnyvale, CA 94086 • 1408 (735-1550 • Fax 1408 (735-1554)

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

Lab #: 15132-002 Ctient ID: DMP1-2 Date Reported: 7/9/99
Date Received: 7/7/99

Date Analyzed: 7/9/99 Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL	<u> </u>
Acctone	ND	100	100	Chloroform	ND	- 5	5
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Ally) Chloride	ND	5	5	2-Chlorotoluene	ND_		
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Benzene	ND	- 5	5	Dibromochloromethane	ND	5	
Benzyl Chloride	ND	. 5	5	1,2-Dibromo-3-chloropropace	ND	5	- 5
Bromobenyene	ND	. 5	5	1.2-Dibromoethane	ND	5	5
Bromochloromethane	ND	- 3	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	- 5	5	cis-1,4-Dichloro-2-butene	ND	20	20
Bremeform	ND	5	S	trans-1,4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	]ND	5 [	
2-Butanone (MEK)	ND	20	20	1,3-Dichlorobenzene	ND	I গ	9
tert-Butyl Elbyl Ether	ND		5	1,4-Dieblorobeazene	ND	5	5
n-Rutylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	- 5
sec-Butylbenzene	₫ <mark>N</mark>	5	5	1,2-Diebloroethane	ND	5	5
ters-Butylbenzenc	ND	5	5	1.1-Dichtoroethene	ND	5	5
Carbon Disulfide	ND	S	5	eis-1,2-Dichloroethene	Sp	5	- 5
Carbon Fetrachloride	ND	5	5	trans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	5	1,2-Dichloropropane	ND	[ 5]	5
Chloroethane	ND	.5		1.3-Dichloropropane	ND	5	5
2-Chloroethy   Vinyl Ether	ND	5	5	2.2-Dichloropropune	ND	- 5	5

Surrogate	Recovery (%)
Dibromofliorumethane	104
Tolurne-d8	111
4-Bromofluorobenzene	87

Results are reported in ug/kg (ppb).

2. DLR: DF x PQL

 Analysis performed by Eptech Analytical Labs. Inc (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

NID None Deterring at or above 1958.

DER Detection Reporting Limit

PQL Practical Quantum on Lines

DF: Dilution Factor

523 Del Rev Avenue, Suite L.* Sunnyvale, CA 94086 * 3408/ 735-1550 * Fax (408/ 735-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

> Lab #: 15132-002 Client ID: DMP1-3

Date Reported: 7/9/99

Date Received: 7/7/99 Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQÜ	DLR	Compound	Value	PQ1.	DI.R
1,1-Dichloropropene	ND	5	- 5	Tetrachloroethcos	ND	5	5
cis-1.3-Dichloropropene	ND		5	Tolueac	ND		
trans-1,3-Dichloropropene	ØЯ	5	- 5	1,2,3-Trichlorobenzene	ND	5	5
Diisapropyl Ether	ND	3	5	1.2.4-Trichlorobenzene	ΝÜ		5
Ethyl Methaerylate	ND	5	- 5	1,2,3-Trichloropropane	ND	. 5	٠,
Ethylbenzene	ND	5	5	1,1.1-Trichloroethauc	ND	5	5
Herachlorobutadiene	ND	- 5	5	1,1,2-Trichloroethane	ND		
2-Hesanone	ND	20	20	Trichloroethene	ND	5	5
Iodomethaue	NÖ	- 3	5	Trichlorofluoromethane	N3)	5	
Isopropyibenzene	ND	1 3		1,2,4-Trimethylbenzene	ND	5	5
p-Isopropylioluene	ND	3	5	1.3.5-Trimethylbenzene	ND	5	5
Methaerylopitrile	ND	- 5		Xylenes (total)	ND	5	
Methyl Methacrylate	ND	5	5	Vinyl Chloride	D	5]	ŕ
4-Methyl-2-Pentanone (MIBK)	ND	20	20		i	i	
Methyl-tert-butyl Ether	ND	5	- 3		1		
Methylepe Chloride	ND	5	5		]		
Naphthakuc	ND	5	5			_ l	
Pentachloroethane	NÜ	5	5				
Propionitrile	ND	3	5				
n-Propylbenzene	ND	5		<u> </u>		]	Ĺ
Styrene	ND	5	5				
1,1.1,2-Tetrachloroethane	ND	5	4			<u> </u>	
1.1.2.2-Tetrachloroctbane	ND	. 5	3	· · · · · · · · · · · · · · · · · · ·			

Surragate	Recovery (%)
Dibromoffiloromethane	104
Tolucne-d8	111
4-Bromoftuorobenzene	87
4-Bromottuorobenzene	87

1. Results are reported in ug/kg (ppb).

2. DIJR - DF x PQL

 Analysis performed by Entech Analytical Lahs, Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected at or above DNR DLR Detection Reporting Limit PCK. Preducal Quantitation Limit

DF (Niumon Factor

525 Del Rey Avenue, Suite E * Suimevale, CA 94086 * (408) 733-1550 * Lax (408) 735.4753

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Danies & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

Lab #: 15132-003 Client ID: DMP1-3 Date Reported: 7/9/99

Date Received: 7/7/99 Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL	1) i.H
Acetone	ND	100	100	Chloroform	ND	- 5	5
Acrylomurile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	.5	- 5
tert-Amyl Methyl Ether	ND	3	5	4-Chlorotoluene	ND	.5	- 5
Benzene	ND	5	5	Dibromochloromethane	ND	5	5
Beazyl Chloride	ND	5	5	t,2-Dibromo-3-chloropropane	ND	. 5	5
Bromobenzene	ND	. 5	5	1,2-Dibromoethane	ND	- 5	
Bromochloromethane	ND	5	. 5	Dibromomethane	NO	- 5	. 5
Uromodichloromethane	ND	5	5	cis-1,4-Dichloro-2-buteae	ND	20	20
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butenc	ND	20	20
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	NĐ	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	5	- 5
n-Rusylbenzene	ND	5	5	1.1-Dichloroethane	ND	5	3
sec-Butylbeazene	ND	5	5	1,2-Dicbloroethane	ND	5	
tert-Rutylbeazene	ND	5	5	1,1-Dichloroethene	ND	5	- 5
Carbon Disulfide	ND			cis-1,2-Dichloroethene	ND	. 5	
Carlion Tetrachloride	ND	5	5	trans-1.2-Dichloroethene	ND	5	
Chlorobenzene	ND	5	5	1,2-Dichloropropage	ND .	- 5	- 5
Chloroethane	ND	5	5	1,3-Dichloropropane	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	- 5	3

Surrogate	Recovery (%)
Dibromofluoromethane	105
Toluene-d&	107
4-Bromofluorobenzene	87

1. Results are reported in ug/kg (ppb).

DLR= DF x PQL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #1-2346)

Michelle & Anderson, Lab Director

NO Nane Detected at or above DLR DCR Detection Reporting Limit PQI. Practical Quantitation Limit

DI Dilucion Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil
Sample Date/Fime: 7/7/99

Lab #: 15132-003 Client ID: DMP1-3 Date Reported: 7/9/99
Date Received: 7/7/99

Date Analysmi: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQU	DLR
1,1-Dichloropropene	ND	5		Tetrachloroethene	ND	5	
cis-1,3-Dicblaropropene	ND	5	5	Toluene	ND	5	<del></del>
trans-1,3-Dichloropropene	ND	5	5	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	5	5	1.2.4-Trichlorobenzene	ND	5[	- 5
Ethyl Methacrylate	ND	5	5	1,2.3-Trichloropropane	ND	5	5
Ethylbenzepe	ND	] [3]	\$	1,1,1-Trichloroethanc	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1.2-Trichloroethane	αN	l 5[	5
2-Pleganose	ND	20		Trichlarosthene	ND	5	5
lodomethane	ND	5	5	Trichlorofluoromethane	ND		. 5
Isopropylbenzene	ND	. 5	5	1,2,4-Trimethylbenzene	[ND	5	5
p-Isopropyltoluene	ND	5	5	1.3.5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20		[-			
Methyl-tert-butyl Ether	מא	5	5		-	. !	
Methylene Chloride	ND	5	5				
Naphthakue	ND	5	5	·	L		
Pentachioroethane	ND	5	5				
Propionitrile	ND	5	5				
o-Propylbenzene	ND	5	5				
Styrene	ND	5	5	l			
1.1.1.2-Tetrachloroethane	ND	5	5				
1.1,2.2-Tetrachloroethane	ND	5					·

Surrogate	Recovery (%)	1. Result
Dibromofluoromethane	105	2 DLK-
Taluene-d8	107	3. Analy:
4-Bromofluorobenzene	87	(CAE)

Results are reported in ug/kg (ppb).

2 DLR- DF x PQL

 Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1-2346)

- Michelle L. Miderson, Lab Director

ND Note Detected at or above DLR DLR Detection Reporting Limit

POL Practical Quantitation Limit

DF Dilution Factor

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# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99 Lab #: 15132-004

Client ID: DMP1-4

Date Reported: 7/9/99

Date Received: 7/7/99 Date Apalyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQL[	DLR
Acetone	ND	100	100	Chlaroform	ND	5	5
Acrylonitrile	NĎ		5	Chinromethane	סמ		5
Allyl Chloride	ND	5-	- 5	2-Chlorotoluene	NO	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	
Denzege	ND	5	5	Dibromochloromethane	NO	5	5
Benzyl Chloride	ND	- 5	5	1,2-Dibromo-3-chloropropane	ND	5	í
Bromobenzene	(ND	5	5	1.2-Dibromoethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	5
Bromodichloromethane	ND	- 5	. 5	cis-1,4-Dichloro-2-butene	ND	20	20
Bromoform	ND	5	- 5	trans-1.4-Dichloro-2-butene	ND	20	20
Bromomethane	ND	- 5	5	Dichlorodifluoromethaue	ND	5	5
tert-Butanol	ND	20	20	1.2-Dichtorobeoxene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichloroheozene	ND	5	5
tert-Butyl Ethyl Ether	ND	5	5	1,4-Dichlorobenzene	ND	- 5	5
a-Butylbenzene	ND	5	5	1,1-Dichloroethane	NĐ	5	5
sec-Butylbenzene	ND	5	5	1,2-Diebloroethane	ND	5	5
tert-Butylbenzene	ND	5	5	1,1-Dichloroethene	ND	5	5
Carbon Disuifide	ND	- 5	ç	els-1,2-Diebloroethene	ND	5	5
Carbon Tetrachloride	ND	- 5	5	trans-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5		1,2-Dichloropropane	ND	5	5
Chloroethane	ND	5		1.3-Dichloropropane	ND	S	.5
2-Chloroethyt Vinyl Ether	ND	5		2.2-Dichloropropane	ND	- 5	5

Surrogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb).</li> </ol>
Dibremofluoromethane	108	2. DLR= DF x PQL
Toluene-d8	107	<ol><li>Analysis performed by Entech Analytical Labs. Inc.</li></ol>
4-Bromofluorobenzene	87	(CAELAP nt-2346)

Michelle L. Anderson, Lab Director

ND Thone Detected at or above DLR DLR Detection Reporting Limit PQL Practice? Quantitation Lamit

DF Elitation Factor

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# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/7/99

Lab #: 15132-004

Client ID: DMP1-4

Date Reported: 7/9/99

Date Received: 7/7/99

Date Analyzed: 7/9/99

Dilution Factor: 1

QC Batch #: SGCMS990707

Compound	Value	PQL	DLR	Compound	Value	PQ1.	PLR
1,1-Dickloropropene	ND	5	5	Tetrachloroethene	ND	5	- 5
cis-1.3-Dichloropropene	ND	. 5	5	Toluene	סא	- 5	. 5
trans-1,3-Dichloropropene	ND	5	5	1,2.3-Trichlorobenzene	ND	5	
Disopropyl Ether	ЙD	5	5	1,2,4-Trieblorobeazene	ND	5	
Ethyl Methacrylate	ND	5	. 5	1.2.3-Trichloropropane	ND		5
Ethylbenzene	ND	5	. 5	L,I,I-Trichloroethane	ND	5	5
Hexachlurobutadiene	ND			1,1,2-Trichioroethane	ND	5	.5
2-Hesanone	ND	20	20	Trichloroethene	<u> </u>	- 5	- 5
lodomethane	ND			Trichlorofluoromethane	ND	5	- 5
lsopropyibeozene	ND	5	5	1,2,4-Trimethylbenzene	]ND	5	- 5
p-lsopropyltoluene	ND	3	5	1.3.5-Trimethylbenzene	ND	5	- 5
Methaerylonitrile	ND	- 5	5	Xylenes (total)	]ND	- 5	
Methyl Methacrylate	ND	3	5	Vinyl Chloride	ND	. 5	- 5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND	5	5			i I	
Methylene Chloride	ND	- 5	5		<u> </u>	<u> </u>	
Naphthalene	ND	5	5				
Pentachlorocthane	ND	. 5	5			L. I	
Propionitrite	ND	5	5				
n-Propylbenzene	ND	5	5				_
Styrene	ND		. 5				
1,1,1,2-Tetrachloroethane	ND	5	5				
1,1,2,2-Tetrachlomethane	ND	3	5				

Surrogate Dibromofluoromethane	Recovery (%)	<ol> <li>Results are reported to ug/kg (ppb).</li> <li>DLR=DF x PQL</li> </ol>
Toluene-d8	107	3. Analysis performed by Entech Analytical Labs, Inc.
4-Bromofluorobenzene	87	(CAELAP #1-2346)

ND None Detected at or above DLR DER: Detection Regarding Large

PQL. Practical Quantitation Limit

DF 33(Junion Factor)

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/9/99

Lab #: Method Blank

Client ID:

Date Reported: 7/9/99

Date Received: 7/9/99 Date Analyzed: 7/9/99

Dilution Factor: 1

Compound	Value	PQL	DLR	Compound	Value	PQL	DER
Acetone	ND	100	100	Chloroform	ND	5	- 4
Acrylonitrile	ND	5	5	Chloromethane	ND	5	5
Allyl Chloride	ND	3	- 5	2-Chlorotolueae	ND	5	
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	5	5
Веоделе	ND	[ 5]	5	Dibromochioromethane	ND	5	<u>.</u> 5
Benzyl Chloride	ND	5	5	1,2-Dibrama-3-chlaropropane	ND	5	5
Bromobenzene	ND	5	5	1,2-Dibromoethane	ND	5	
Bromochloromethane	ND	5	5	Dibrymomethane	ND	5	5
Bromodichloromethane	ND	5	5	cis-1.4-Dichloro-2-butene	ND	20	20) 20)
Bromoform	ND	5		trans-1,4-Dichloro-2-butene	ND	20	20)
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	<u> </u>
2-Hutanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	5
teri-Butyl Ethyl Ether	ND	5	5	1.4-Dichlorobenzene	ND	5	5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	5	
tert-Butylbenzeue	ND	.5	S	1,1-Dichlaroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1,2-Dichloroethene	ND	. 5	5
Carbon Tetrachloride	ND		5	trans-1,2-Dichloroethepe	ND	5	5
Chlorohenzene	ND	5		1.2-Dichloropropane	ND .	5	5
Chloroethane	ND.	5	5	1.3-Dichloroprogene	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	5	

Surrogate	Recovery (%)
Dibropiofluoromethane	90
Totuene-d&	100
4-Bromofluorobenzene	91

1. Results are reported in ug/kg (ppb).

2 DUK= DF x PQL

 Analysis performed by Entech Analytical Labs. Inc. (CAELAP #I-2346)

Michelle Le Anderson, Lab Director

NID None Detected at or above DLR DLR Detection Reporting Linux PQL Practical Quantitation Limit

DF Dilution Factor

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# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Date Reported: 7/9/99

Sample Matris: Soil Sample Date/Time: 7/9/99

Date Received: 7/9/99 Date Analyzed: 7/9/99

Lab #: Method Blank

Dilution Factor: 1

Chent ID:

Compound	Value	PQL	DLR	Сатроня	Value	PQL	DL.R
1,1-Dichloropropene	ND	- 5	- 5	Tetrachloroethene	ND	. 5	- 5
cis-1,3-Dichloropropene	ND	- 5	5	Toluene	ND	- 5	5
trans-1.3-Dichloropropene	ND	- 5	5	1.2,3-Trichlorobenzene	ND	[	
Düsopropyi Ether	ND	5	5	1.2.4-Trichlorobenzene	ND	5.	- 5
E(hyl Methacrylate	ND	5	5	1,2.3-Trichloropropane	ND	5	5
Ethylbenzene	ND	- 5	5	1,1,1-Trichlorocthane	ND	- 5	- 5
Hesachlorobutadiene	ND	5	5	1.1.2-Trichloroethane	ND	- 5	5
2-Нехавопе	ND	20	20	Trichloroethene	ND	] 3]	· 3
lodomethane	ND	5	5	Trichlorofluoromethane	ND	- 5	Š
Isopropyibenzene	ND		5	1,2,4-Trimethylbenzene	ND	] 3]	5
p-Isopropyltoluene	ND	5.	5	1,3,5-Trimethylbenzenc	ND	5	- 5
Methaerylonitrile	ND	- 5	5	Xylenes (total)	ND	[ 5]	5
Methyl Methacrylate	ND	- 5	5	Vinyl Chloride	ND	. 5	5
4-Methyl-2-Pentagone (MIBK)	ND	20	20				
Methyl-teri-butyl Ether	ND	5	5				
Methylene Chloride	ND	3	5			$\Box\Box$	
Naphthalene	ND	5	5				
Pentachloroethane	ND	- 5	5		ĺ		
Propionitalle	ND	5	5				
n-Propylbenzene	ND	5	.5				
Styrene	ND	5	5				
1,1,1,2-Tetrachloroethane	ND	5	5			][	
1,1,2,2-Tetrachloroethane	ND	1 3	- 5	·			

Surrogate Recovery (%)
Dibromofluoromethane 90
Toluene-d8 100
4-Bromofluorobenzene 91

- 1. Results are reported in ug/kg (ppb).
- DLR+ DF x PQL
- Analysis performed by Entech Analytical Labs, Inc. (CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected as or above DLR DLR Detection Reporting Limit

PQL Practical Quantitation Linux

DF Dilution Factor

# QUALITY CONTROL RESULTS SUMMARY

## Lahoratory Control Spikes

QC Batch #: Matrix: Units	Soil mg/Kg	; 					Qualit		nalyzed: (tracted: Sample:		07/07/99 07/06/99 Blank Spike
PARAMETER	Method #		SA mg/Kg	SR mg/Kg	SP mg/Kg	SP	SPD mg/Kg	SPD %R	RPD	Q RPD	C LIMITS %R
Diesel	8015M	<1.0	25	ND	17	66	18	71	7.0	25	50-117

### Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD. Spike Duplicate Result

SPD (%R). Spike Duplicate % Recovery

NC: Not Calculated

## QUALITY CONTROL RESULTS SUMMARY

Matrix Spike and Matrix Spike Duplicate

 QC Batch #: DS990703
 Date analyzed: 07/07/99

 Matrix: Soil
 Date extracted: 07/06/99

 Units: mo/Kn
 Quality Control Sample: 15092-004

Units:	mg/ Ng						Quant	<u>y Connor</u>	эшприс.		13072-004
PARAMETER			SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD mg/Kg	SPD %R	RPD	Q RPD	C LIMITS %R
Diesel	8015M	<[.0	25	ND	L9	77	18	74	4.0	30	52-118

#### Definition of Terms

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

no. Not Calculated

METHOD: Gas Chromatography
Laboratory Control Sample

QC Batch #: GBG4990708

Date Analyzed: 07/08/99

Matrix: Soil

Quality Control Sample: Blank Spike

Units: µg/kg

								_			
l .	Method #	МВ ще∕ке	SA pg/kg	SR pg/kg	5Р 42/кg	SP % R	SPD µg/kg	SPD %R	% RPD	[ ] j QC JRPD;	LIMITS %R
Benzene	8020	<5.0	80	ND	81	101	81	101	0.2	25	75-125
Toluene	8020	≥5.0	\$0	ND	₿l	101	82	102	1.1	25	75-125
Ethyl Benzene	8020	<5.D	80	ND	82	102	84	106	3.1	25	75-125
Xylenes	<b>8</b> 020	<5.0	240	ND	248	103	254	106	2.5	25	75-125
Gasoline	8015	<1000	1000	ND	970	97	980	98	1.0	25	75-125
aga-TFT(S.S.,-PID	8020		•	90%	94%		95%				65-135
$aaa-TFT(S,S)_f$ -FID	8015			95%	91%		89%				65-135

## Definition of Terms:

ns: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result
SP (%R): Spike % Recovery
SPD: Spike Duphcate Result
SPD (%R): Spike % Recovery

NC: Not Calculated

## METHOD Gas Chromatography Matrix Spike and Matrix Spike Duplicate

QC Batch #: GBG4990708 Date Analyzed: 07/08/99
Matrix: Soil Quality Control Sample: 15132-001

Units: ug/kg.

	2. PNB 12										
PARAMETER	Method #	MB με/kg	SA µg/kg	SR μg/kg	SP μg⁄kg	SP % R	SPD µg/kg	SPD %R	% RPD	ÇKI RPD	LIMITS %R
Benzene	8020	<5.0	80	מא	84	89	78	98	64	25	70-130
Toluene	8020	<\$.0	20	ND	82	103	79	99	4.1	25	7 <b>0-13</b> 0
Ethyl Benzene	8020	<5.D	80	ND	81	101	79	99	2.3	25	70-130
Xylenes	8020	<5.D	240	ND	251	104	241	101	3.8	25	70-130
nan-TFT(S.S.)-PID	8020		•	92%	96%		87%				65-135

Calculated Recoveries Outside of Control Limits

#### Definition of Terms.

na: Not Analyzed in QC batch

MB: Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

nc: Not Calculated

Voluble Organic Compounds
Laborators Comicel Sample

QC Baselin SGC MS990707

-

Mainx Soil Uma up kg Date analyzed 07 07 99 Spiked Nample Higgs Spike

PARAMUTER	Method F	NA mg <b>k</b> g	SR pg kg	ՏԲ սց, <b>ն</b> բ	SP •₃R	չըն րբ հր	SPD •∗R	12755 	RPD	QC LIMITS
	8240 8260	25	ND	20	74	20	79	10	25	20-145
Elengano	824018260	25	ND	27	109	27	ROI	0.7	25	20-140
E.m. Noroecheme	8240 8260	25	NU	29	117	29	117	0.3	25	70-139
Colvers	B24018260	25	: מא	27	1ak	j 27	109	0.7	28	70-130
Chiceobeavena	R240 B260	25	מא	29	116	29	116	110	25	70-138
Georgale										
(Difeosoffwaremethate	B240 K2mJ		100%	VJ.*		9654				65-175
1.2 DisNovember	B240 8260		122**	107%		HP20				63-135
Colorec -4X	8240 K260		130**	103**		106%		i	i	63-135
4-Biomothicrobeautine	8240 K260		102**	105**		103%		i	!	65-135

#### Defination of Terms

na. Not Analyzed in QC butch

SA: Spoke Added

SR. Sample Result.

RPD(*x) Duplicate Analysis - Relative Percent Difference

SP Spike Result

SS (**R) Spike ** Recovery

SPD Spike Dophvate Result

SPD (**R) Spike Doplicate ** Recovery

NC Not Calculated

Magna Spike and Matrix Spike Doplicate METHOD: EPA 6010

QC Batch # SM990710 Matrix Solid Units, mg/kg Date Analyzed | 07:09 NN Date Digested: 07:08 NN Digestion Method: EPA 3050 Spiked Sample: 15152-002

PARAMETER	Meshod ≠	MB	SA	SR	SP	SP	SPD :	SPD	RPD	00	LIMITS
	•	mg/kg	mg kg	mg:kg	nag-kg	14 R	mg/kg :	% R		RPD	. '%R
Antimony	6010	\$1.0	<u> 50</u>	50	ㅁ	L7.	nā	L)	π	25.0	69-102
Arsenic	60161	<4.0	50.	0.0	41	R3	42.	83	ባን	25.0	64-107
Barium	6010	<1.0	50.	na	[14 <b>3</b>	rsa -	na i	rité	n‡	25.0	75-113
Berylhum	6010	<1.0	50.	U.U	42.	R.)	42	83	01	25.0	71-110
Cadmiem	6010	<1.0	50.	0.0	38.	76	74	77	1-1	25.0	70-100
Caromasan	6010	<1.0	50.	100.6	140	78	139	77	0.2	25.0	68-112
Cobalt	6010	<1.0	50	ᇛ	na	ถย	па	ខាត	na	25 ()	66:113
Соррег	6010	<1.0	50	52.6	92.	80	93.	80	402	25 1)	75-109
Lead	6010	<10	50	64	47.	29.7	49.	86	41	250	64-115
Melvhdenum	60:0	<10	30	P.a	הת	па	r_a	П.	na	25.0	69-113
Nickel	6001D	51.0	30	62.1	104.	84	103	83	0.0	25.0	72-112
Selenium	6010	<1.D	50.	na	па	па	Pua .	n.a.	na.	25.0	67-103
Silver	6010	<1.0	50	na	: па	na.	na :	П.Э	ла	25.0	71-111
Thellium	6010	~1.0	50	50	. TLJ	ш	na i	ıl-a	пд	25.0	70-106
Vanadium	6010	· 1.0	SU.	กล	[ FI	P.A	na	60	па	25.0	69-114
Zine	6010	N4.0	50.	53.5	93.	79	92	77	0.8	25.0	68-105

Calculated Recoveries Outside of Coppol Limits:

## Definition of Terms

na: Not Analyzed in OC batch

nt: Not Calculated

MB: Method Blank

SA: Spike Added

SR Sample Result

SP Spike Result

SP (%R) Spike % Recovery

SPD Spike Duplique Result

SPD (**R) Spake Duplicate % Recovery

## 525 Del Rey Avenue, Sulle E. Sugnyvale, CA 94086

## QUALITY CONTROL RESULTS SUMMARY.

Laboratory Control Spakes
METHOD: EPA 6010

QC Batch v: SM990710 Matnx: Sikid Units: mg/kg Date Analyzed: 07:09:99 Date Digested: 07:08:99 Digestion Method: EPA 3050 Spiked Sample: Blank Spike

PARAMETER	Micthed #	мв	SA	SR	SP	\$P	SPD (	SPD	RPD		QC LIMITS
	: ·	ingike	mgilig	''றை'''ந்த	mg-kg	%R	mg/kg	*4.R		RPD	14R
Anamony	6010	<1.0	<u>. 50</u>	สม	па	na	ПŢ	La	па	25.0	75-125
Arsenic	6010	<1.Q	50.	0.0	43.	86	4,1	86	ט.ט	25.0	75-125
Barium	6010	<1.0	5D.	πш	n-s.	zhë :	րդ	Dā	เล	25.0	75/125
Beryllium	6010	<1.0	50.	0.0	47.	94	47	95	0.7	25.0	75-125
Cadmium	6010	< 1.40	50.	0.0	42.	82	44	848	7.4	25.0	75-125
Cheamium	6010	<1.46	50.	0.0	46.	92	47	95	2.5	25.0	75-125
Cobalt	6010	<1.0	50.	na	DA	па	Γ.¥	คอ	пи	25.0	75-125
Скурет	6010	41.0	50.	0.0	48.	95	46	91	4.5	25.0	75-125
l.cud	6010	51.0	50.	0.0	45.	90	49	97	7.8	25.0	75-125
Molyhdenum	6010	5 L D	50.	na	DB .	пт	na	វាប	па	25.0	75-125
Nickel	6010	<1.0	50.	0.0	47.	93	45.	91	28	25.0	75-125
Selenium	6010	<1.0	50.	na	na	па	па	418	na i	25.0	75-125
Silver	6010	<1.0	50	na	na .	па	па	. 313	ĤЪ	25.0	75-125
Thallcom	6010	41.0	50	no	na	па	na	ла	na i	25.0	75-125
Vanadium	MID :	41.0	50	<b>P</b> D	na na	п	na	πи	па	25.0	75-125
Zipa	6010	<0.0	50	0.0	43	87	44.	88	2.0	25.0	75-125

#### Definition of Terms:

na. Not Analyzed in QC batch.

MR: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (*VR): Spike % Recovery

SPD: Spike Depireate Result

SPD (%R) Spike Duplicate % Recovery

CA ELAP# J-2346

523 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • 408 (735-1550 • Fax )408 (735-1554

August 30, 1999.

Dames & Monre Sergio Rojas 2001 Gateway Place, Suite 270W San Jose, CA 95008

Dear Sergio Rojas,

Enclosed is the hard copy report for Lab project # 15132-001-004, your Project # 27862-003-043. Please insert these pages in your report package. No results have been changed.

Sincerely, Answer on Edul

Andrea Edwards

# Applied P. & Ch. Laboratory

13750 Magnella Ave. Chino CA 91700

Tel: (2004) SRG-1878 (Fax: (2003) 520-1436 Submitted to:

Entech Analytical Labs Inc. Attention: Alian Aks

525 Del Rey, Suite E Sumpyale CA 94086

Tel (408)735-1580 Fax: (408)735-1554

# APCL Analytical Report

Service ID #: 801-994652

Collected by

Collected on: 07/07/99

Bereived - 07/08/99 Extracted | B7/08/99 Tested 07/08-12/99

Repurted, 07/13/99.

Sample Description Soil

Project Description Dames And Moore

# Analysis of Soil Samples

					s Result
Component Analyzed	Method	Chit	PQL	19137-001 [DMP1-1] 99-04652-1	\$5132-002(50MP1-2) 99-04652-2
Sessi-VOC, 84 Compounds					
Acenaphthene	8270	$\mu \mu/kg$	300	56	840
Acenaphakylene	8270	"g/kg	200	85:	NZ.
Anthracene	\$270	μg/kg	300	80	NON
Honzja)anthraeene	8270	"g/kg	500	80	NO
Henzo(a)pyrene	8270	,.g/kg	500	NO.	N25
Henzof b) fluoranthene	8270	ورها اروب	500	ND	2/15
Henzo(g,b)()peryleper	8270	$_{\mu g}/k_{\mu}$	51111	ND	ND
Henzot kiffnos ant henc	\$270	ωg/kg	500	NO	SD
His (2-s blotnethoxy) methatic	\$270	_g/kg	500	4D	ND
Bis(2-chlorogthyl) ether	9270	"g/kg	500	Sn	8.0
Has (2 - chloropsup) oppy\(\frac{1}{2}\) ether	M27G	$\mu g/kg$	500	ND.	80
Ha(2) ethylhexyl) phihalate	6270	"g/kg	500	811	ND
4-Beamophenyl phenyl ether	8270	$_{\mu}$ g/kg	500	×n.	ND
Butyl Benzyl Philialate (BBP)	8.270	$_{\mu \mathrm{K}}/\mathrm{kg}$	500	ķΓ	ND
4-Chloro-3-methylphenol	8270	ur/kr	1000	M2>	40
4-Chloroambne	8270	µm/kg	1000	NO.	80
2-Chloronaphthaicne	8270	µg/kg	500	NO	90
2-Chlorophenoi	8270	"g/kg	500	86	813
4-Chlorophenyl phenyl ether	5270	_{mE} /kg	500	NO	81.
Chrysene	8270	$\mu g/kg$	500	SD	54
Don-butyl phthalage (DBP)	5270	$\mu g/kg$	500	80	51
Democtyl phthalate (BOP)	5270	$\mu g/kg$	5011	S.D.	NZ:
Dibenz(a,h)anthracene	K270	μg/kg	500	MT:	NII
Dibenzoteran	H270	$\mu_{\rm K}/k_{\rm K}$	500	N1:	ND
1.2 Durklorahenzene	#270	$_{\rm H} g / k g$	500	875	ND
1.3 Dichloralienzene	6270	$_{\mu}\mathrm{g}/\mathrm{k}\mathrm{g}$	590	NT/	ND
1 4-Dichlorofenzene	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	300	80	80
3.31 Diclilorabenziáine	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	1000	80	80
2.4-Deckloraphenal	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	500	N9	ND.
Diethyl phthalate (DEP)	8270	$\mu \mathbf{g}/k\mathbf{g}$	500	ND	80
Dimethyl phthalase (DMP)	8270	$\mu \mathbf{g}/k\mathbf{g}$	300	7/0	80
2.4-Daniethylphenol	\$270	,.s/kg	300	80	81)
4.6 Dinitro 2-methylphenol	8270	,.g/ <b>kg</b> .	2500	80	· 80
2.4 Danitrophenei	8270	$_{\rm PS}/k_{\rm B}$	2500	80	80
2.4-Dimitrotaluene	8270	g/kg بر	500	ST:	81:
2.6-Dinitrotalisene	8270	⊿դ/≰դ	500	SE:	ND:
Fluoranthene	8270	"g/¥g	500	NU	kl:
Plantene	6270	$_{\rm J}, {\rm g}/{\rm kg}$	500	N52	NT.
Hexachtorobenzene	R 270	"g/kg	500	N2·	NE.
Hexachlorobutadiene	H270	$_{\mu} g/kg$	500	×1,4	NC:
Hexachlorocyclopretazione	8270	μκ/kg	500	85	N2.

# Applies P & Ch Laboratory

13780 Magnolia Avr. China CA 01710

Tel (908) 590-1828 Fex. (908) 590-1484

# APCL Analytical Report

				Analys	is Result
Component Analyzed	Method	Unit	PQI.	(8492-001(DMP3-1) 99-84652-1	15132-062  (3MF11-2) 99-84632-2
Bexachlororthane	8270	μg/ <b>kg</b>	500	80	811
Indeno(1,2,3-rd)pyrette	8270	μβ/ <b>೬₽</b>	500	80	50
Ізархогоен	H270	μg/kg	500	SD	810
2. Methylnaphthalene	8270	ug/kg	500	80	910
3/4 Methylphenol (m/p-Caesol)	8270	"R/kg	500	SU	9.0
2-Methylphenol (n-Cresol)	8270	ug/kg	500	80	9.0
Naphthalene	8279	ug/kg	500	80	910
2-Nitroandine	8270	ng/kg	2500	86	811
3-Nitroaniline	8270	"g/kg	2560	Kυ	40
4-Nitroandine	8270	μR/¥R	2500	80	S.U
Natrolangenne	8270	pp/kg	500	910	80
2-Nitrophenol	8270	ug/kg	500	80	811
4-Nitraphenal	8270	R/kg	2500	80	sn.
N-Natrosouti-n-propylamine	8270	aR/kg	500	Su	SD.
N-Netrosodiphenylampre	A270	g/kg	500	NII	sn
Pentachtorophenol (PCP)	8270	μg/kg	25DH	ND.	40
Phenanthrene	8270	g/kg	500	SD.	40
Phenal	A270	µK/kg	SIDII	ND.	40
Pyrene	8270	µK/kK	51911	ND.	91)
1,2.4 Trichlorobengege	8270	ug/kg	500	NE:	SD.
2,4.5 Trichlotophenos	A270	uk/kg	500	NI:	sp.
2,4.6-Trichlorophenol	8270	ur/kr	500	NO.	SD.
Organochiorane preterialne de PCRe		U 141 714			
Aldrin	5030	$_{\rm p,g}/{\rm kg}$	ι	MD	۶u
J.BBC	5030	pg/kg	i	NU	80
ir BHC	8050	µg/kg	i	ND.	80
t HEC	8030	"g/kg	i	NC:	80
η-BHC (Lincaie)	8086	gg/kg	į	NI:	80
Chlordage	8030	μκ/kg	50	PC:	811
4.4°-DDD	8080	ug/kg	2	NE:	sn
4.4'-DDE	8050	ug/kg	2	50	sp
4,4'-DDT	8080	"g/kg	2	NO.	sn
Dieždyan	8080	⊌g/kg	2	N2)	Str
Endosylfan I	8080	Jg/kg	1	50	80
Endovillag	8080	"g/kg	2	ND	×n
Eindosulfan sulfate	8080	"g/kg	5	ND	Sp.
F.nd; pr	8080	"g/kg	2	ND	#D
Enders aldehyde	8080	JR/kg	2	ND	80
Fluitin ketone	8080	"e/ke	2	ND	80
Heptachics	SDED	"K/kK	1	20	80
Heptachlas epixade	SDSD	us/kg	1	86	86
Methoxychlor	HDSD	"g/kg	Lii	80	80
Toxaphene	8050	με/kg	100	86	80
Acodor-1816 (PCH-1016)	9052	eg/kg	38	96	8 L
Aroclor 1221 (PCB-1221)	6082	με/kε	100	46	80
Asselo: 1232 (PCR-1232)	9087	_z/kz	50	טפ	80
Aroclor-1242 (PCH-1242)	8082	us/kg	311	50	5 C
Acorlor-1248 (PCH-1248)	5093	μα/kg	311	40	80
Aroclot-1254 (PCH 1254)	8082	eg/kg	25	80	×6
Apprior-1266 (PCH 1260)	8082	pa/kg	25	SD.	90

CADHS FLAP No. 1431

# Applied P & Cl. Laboratory

13760 Magnisla Ave. Chico CA 91710

Tel: (909) 59% 1628 | Fex: (909) 59%-1498

# **APCL Analytical Report**

				Analys	is Result
Component Apulyzed	Method	l'nj1	PQL	55132-003(J5MP4-3) 99-04652-3	15132-034(1551) 99 (14652-4
Debenzoluran	8270	με/kg	500	N),	871
1,2-Dichtorobenzene	8270	$\mu \mathrm{g}/\mathrm{k} \mathrm{g}$	500	NTA	×1.
1, 3-Dichknobensene	8270	$\mu_{\rm K}/k_{\rm K}$	500	86	816
1,1-Dichlosobenzene	8270	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	500	ND	81)
3, Y-Dicklorobenzidine	8270	$\mu \mathbf{g}/k\mathbf{g}$	1000	ND	86
2,4-Dichlatophenol	8270	μg/kg	500	ND	86
Diethyl phthalasc (DEP)	8270	μ¢/ km;	500	МU	80
Dimethyl phthalate (DMP)	8270	րg/kg	500	ND	8.6
2,4 Dimethylphenol	6270	وما/ وبر	500	יקא	80
4,6 Diagtra-2-methylphenol	8270	$\mu g/kg$	2500	40	86
2,4 Dinstrophenol	8270	$\mu g/kg$	2500	sp.	80
2,4-Dinetrotof@ene	8270	$\mu_{\rm K}/k_{\rm K}$	500	<b>FD</b>	86
2,6-Dinitrotoluene	8270	ր է / և այ	500	FD.	86
Fluoranthene	8270	, g/kg	200	SD	NO
Fluorent	8270	$_{\rm eB}/k_{\rm B}$	500	80	SD
Mexachlorobenzone	8270	⊬B/NA	500	80	30
Hexachlorobatadiene	8270	, g/ <b>kg</b>	500	LU U4	30
Hexachlorocyclopentadiene	3270	$\mu_{\rm K}/k_{\rm S}$	สถอ	NO.	SD
334 x achlor octhane	8270	, g/ <b>kg</b>	500	80	NO
Indeno(1,2,3-ed)pysene	8270	$\mu g/k_B$	590	N/D	85
Isophorane	8270	$\mu g/kg$	2410	NE:	YO
2-Methylnaphthalene	5270	$\mu_{\rm K}/k_{\rm K}$	2810	ND	20
3/4-Methylphenol (m/p-Clesot)	5270	$\mu g/k_{\rm R}$	500	NT:	NC:
2-McClivIphene2 (o-Cresol)	8270	$\mu g/kg$	500	NT:	NT:
N-505th alone	8270	$_{\rm AK}/k_{\rm B}$	500	NT:	NC.
2-Nitroandine	8270	μκ/¥κ	2500	NI)	NI:
5-Nita pandene	9/27D	$\mu g/kg$	2500	ND	NO
1-Sittoantine	8270	$\mu g/kg$	2500	80	52
Natrohomzene	<b>827</b> 0	$\mu g/kg$	Sina	8.5	20,000
2- Sittophenal	#27o	$\mu g/kg$	580	Nβ	NC.
4. Nitaophenal	6270	$\mu \chi/k \chi$	2500	N F	NZ.
N-Natroso-di n propylamine	H270	$\mu_{\mathbf{K}}/\lambda_{\mathbf{K}}$	300	9.8	NE:
N-Netrosodiphenylamine	H270	$\mu g/kg$	500	ND	87.
Pensachlorophesol (PCP)	8370	$\mu {f g}/k{f g}$	2500	NO	NS.
Phonauthrene	8270	$\mu {\rm g}/{\rm kg}$	500	ND	St.
Phenol	8,370	$\mu g/kg$	500	s b	NZ.
Pytepe	P759	$\mu \mathbf{g}/k\mathbf{g}$	500	86	NZ.
1,2,4-Trichlorobenzene	9.270	$\mu g/kg$	500	20	NE.
2.4.5 Trichlerophenal	6370	$\mu g/kg$	500	80	NZ.
2,4,6-Trichlarophenol	8.27.9	$\mu g/kg$	5 <b>00</b>	80	NT:

CADHS Et AP No. 1431

# Applied P & Ch Laboratory

12760 Magnetia Ave. China CA 91710

Tel: (209) 598-1626 Fex: (DOR) 593-1498

# APCL Analytical Report

				Analys	is Result
Component Analyzed	Method	Unit	PQI.	15132 003(IDMP1-3) 99-0465 <u>2</u> -3	15132-004[DMP1-4] 99-04652-4
Digannehlurium proticides & PCBs					
Aldrin	8080	nR/kg	1	ND	845
J-BHC	8080	B/ks	1	s D	ND
a-HHC	8080	<b>8/</b> ₩8	1	HU	ND
A-BBC	8080	uR/MA	ı	50	ND.
η BBC (Lindane)	XD9G	,.g/kg	ı	85	sp
Chlordane	KDBD	$_{\rm eg/kg}$	50	N2D	81:
6,41 (0)000	ADMG	$_{\rm e}$ g/ $k_{\rm B}$	2	80	F [:
4.45 DDE	DROB	μg/kg	2	ND	M(>
4,4% DDT*	gawa	μg/kg	?	ND.	NE.
Dieldrin	A080	μ <b>5/№</b> 5	2	MU	N _D
Endusolfan 1	MQ80	μ8/ <b>k</b> 8	1	KL	МI
knowolian II	#080	μB/Mg	2	₩2	дк
Endovolfan sulfate	8080	րջ/ևջ	5	M2	SD.
Endain	8080	μg/kg	2	N1>	90
Endam aldehyde	8080	$\mu g/kg$	2	PD C4	sp
Kudain ketore	8050	μg/λg	2	טא	sn.
Heptachlos	8080	μg/kg	L	ND	S D
Hegitachlas epaxide	8080	$\mu_{\rm K}/k_{\rm K}$	:	3(1)	5 U
Methokychlar	<b>XDBU</b>	$\mu g/kg$	10	ND.	ĸL:
Toxaphece	SDBO	μg/kg	100	יוג	NU
Amelor-1016 (PCH-1016)	8065	μg/kg	50	FD.	SE
Asoclor-1231 (PCB-1221)	ROB2	$\mu g/kg$	TOD	kn.	NC.
Ares for-1232 (PCB-1232)	MOB2	$\mu \mathbf{g}/\mathbf{k}\mathbf{g}$	511	KC	M\$>
Aroclor-1242 (PCB-1242)	8082	⊬B/N#	30	KC	28
Ansclor-1248 (PCB-1248)	8032	$\mu_{\rm K}/k_{\rm K}$	.50	ND.	NP.
Aroclor-1254 (PCB-1254)	6087	րջ/ևո	25	מא	МP
Ans:lor-1260 (PCB-1260)	8082	µg/Ag	23	ND	MIT
Chibrinated herbicides					
2,4-1)	8150	$_{\mu \mathrm{g}}/\mathrm{k}_{\mathrm{K}}$	ĮŪ	MU	8 D
2.4-DB	8150	μg/kg	10	ម្ភា	ND.
Dalapon (dychlogoacetic acid)	8150	μg/kg	20	80	ND
Dicappha	8150	μg/kg	LII	ND	×:-
Dichlosoprop	8150	yg/kg	N.V	ND	NO
Denosels (DNBP)	A150	րը/հաց	311	NO	ND.
MCPA	A150	mg/kg	2	NO	ND
MCPP	8150	mg/kg	2	20.02	ND
2,4,5-T	6150	µg/kg	טן	80	80
2,4,5.TP (Silvex)	8150	"g/kg	10	80	80

PQL. Practical Quantitietom Limit.

MDL Method Detection Limit

N.D., Not Deterted or less than the practical quantitation limit

J: Reported between PQL and MDL

CHITE Contract Required Detection Limit

L'aboratory Director Applied P & Ch Laboratory

# Applied P & Ch Laboratory

13760 Magazille Ave. Chico CA 91710 Tel: (808) 590-1424 Fax (909) 594-1406

# APCL QA/QC Report

Submitted to

Enterly Analytical Labs. Inc.

Attention: Allan Aks

525 Del Rey Soute E

Superviside CA 94056

Tel (408)735-1550 Fax (408)735-1554

Service II) # | 801 994052

Collected by:

Collected on 107/07/99

Sample description

Soil

Project Dames And Monre

Received 07/08/99 Tested 07/08/12/99 Reported 7/27/99

# Analysis of Soil

801-994652QC

	Amalyan	vev	cev	M-Blank	Coar	SP Leve	LUS	545	MSD	MS/MSD	No contract	. Lamas
No approvide Name	Base 6 🗯	mg/Li	%Br.		Clist		She	%lte.	84ca	04095	2 Ba	3156
Semi-VOC. 64 Compounds												
Perio	110472	8D 0	93	8.00	∌g/kg	33.0	44	41	47	13	10-116	331
A Dick orangerous	44(48422	60.0	99	: · !.	$_{\mu}g/kg$	1670	50	39	64	8	$15 \cdot 1.98$	57
25% to process	49GJ422	60.0	143	8.6	$\mu g/kp$						-	
2.64%g., 500.	90 <b>GJ422</b>	ţin a	9.5	K B	$\mu R/k g$							
Heise his poliumatione	29000427	iiu 0	1126	<b>N</b> D	$_{\rm u} \rm g/kg$							
$4\sigma^{12}$ , $\sigma$ is demet by type and	99C3422	go II	102	κр	ug/kg	3330	49	48	56	16	10 126	58
2 h / Tra therophene.	99009422	60.0	105	<b>x</b> p	$_{\rm uK}/k_{\rm K}$							
Aller court said	1000,0422	6II U	102	×ρ	$_{\rm ng/kg}$	1670	49	58	βO	4	16 1.14	59
NAME A DESCRIPTION OF	90(GA12)	3150	96	ND	$\mu K/kK$							
Stephen augmaner patient	99633421	1002	97	8.0	$\mu g/kg$	3330	38	3.3	35	8	10/134	5.7
Za como vae	99813422	60.0	104	N D	µg/kg							
Done Congressante (DOP)	9963422	60.0	105	8.5	$_{\perp \rm g}/k \rm g$							
Brown (gyer)	99433422	60.0	101	8.5	ge/kg							
, the papers	17633420			8.6	$\mu e/kg$	3330	5%	66	īι	4	42/120	5.4
$N(N(0), \delta_{\rm tot}) \approx \exp(i\rho y)$ , where $\epsilon$	9~63423			5.0	$\mu g/k\epsilon$	1676	35	15.	55	1.1	H-134	62
and the soft decreases	9960422			K P	$\mu \kappa/k \rho$	1670	49	60	63	5	10-132	li-l
2.3.70 Posts area	5.0G0422			κр	$_{\alpha K}/k_{K}$	10.70	51	62	60	ı	22-134	61
1 Set is a few of	+3044422			8.6	nR/kR	3330	29	45	40	12	12-132	GII
P. c	e9CJ122			$\sim$ $\sigma$	$_{\alpha K}/k_{K}$	1670	68	71	F4	12	22(1.04	Mi

# Applied P & Cl. Laboratory

13760 Maguella Ave. Chien CA 91710 Tel (989) 596-1828 Pas: (989) 580-1498

# APCL QA/QC Report

	Amalysis	CON	TOTAL	St Name	Conc	SP Lewis	1.015	MS	SIST:	348 (349))	Contra	1 10:
ring zen Skinz	Baren &	1,12871.1	%16w		l'air		77.Her	MKe.	R Rev	8 8 19 1	55 (6-)	1 Dat
едины Лівтанг деякіс	adva & PCB	•										
0.190	20842428	50 G	111	9.0	$_{\rm Lg}/k_{\rm Rg}$	-						
5-10901 Limita of	508(3128)	50 G	110	~ D	$_{\rm LS}/k_{\rm S}$	16.7	77	45	83	14	354143	45
JOHN.	20013828	50.0	39	40	$\mu g/kg$							
Helifa inger	57.13429	50.0	110	* 7	$\mu g/kg$	16-7	80	97	Sh	1.3	35(133)	50
* mii	5 - 00 9478	30.0	107	8.70	$\mu g/kg$							-
A ma	5 - 13 MAZK	30.0	10.4	5.0	ug/kg	16.7	77	9%	8.)	13	\$5,134	515
Hermonic Community	-41/3478	50.0	207	50	$_{\alpha \beta}/k_{\beta}$							
King southern	4-1/8478	50 O	105	h D	$_{\rm u} g/kg$							
i : 144	0009428	50.0	104	2.15	$_{\rm B} g/kg$							
Les dia	9.904.1428	50.0	103	8.0	$_{\mu}g/kg$	16.7	φB	9.5	4-1	12	35 134	50)
1600	00.0428	50.40	110	5 D	$\mu g/kg$	16.7	8.5	102	45	11	39 (3.54)	18
14 1481	00033128	50.0	161	5 D	$_{\rm kg}/k_{\rm g}$							
Four our of E	5000458	50 n	163	8.0	$_{\rm gg}/kg$	-		-				
4.1.98.1	999 DELEA	50 H	107	N.B.	$_{\rm gg}/k_{\rm gg}$	16.7	42	192	9.3	i I	3m/13.1	414
Later Carrier (Sec.	99634128	All I:	. 100	946	$_{\rm gg}/k_{\rm g}$							
Later Carroller Avetage	on Gulfy &	30 h	149	5.6	$\mu_{\mathbf{X}}/k_{\mathbf{X}}$							
Morning King	99-03-128	30.1	[119	× 10	$\mu \pi / k g$							

# Applied P & Ck Laboratory

13780 Magoulia Ave. Chino CA 91710

Tel: (909) 594-1878 Pax: (800) 590-1494

# APCL QA/QC Report

- Companion Name	Austyns Hatch #			Militana	Conc Unit	SP Leve		M5 9884s	MSD ZHrs	M5/MSD WHPD	Costi : ZBo	i la m Yan
Ohloopered herbicides				. —								
Thing on an alternative to a little	99/03/128	230	49	8.0	$_{\rm L} g/kg$							
3 felix is applied year	mG.W25	250	98	5.15	$\mu \mathbf{g}/k\mathbf{g}$							
4. N. Carlotte (1967)	2003/04/25	250	132	8.6	$\mu g/kg$							
Optiveral	99413425	250	94	N D	$_{\alpha R}/k_{\beta }$			-				
Mc100	14G3495	25000	108	8.0	nig/kg							
Distriction	e0020n25	250	98	8.00	$\mu R/4R$		-					
MCPA	0960425	25000	1116	5.20	ing/kg							-
7.10	49640475	250	E03	e b	$\mu g/kg$	35.0	96	70	70	>	$38 \cdot 133$	47
Percent system (CPCP)	эчениях	250	99	a lz	$\mu \mathbf{g}/k\mathbf{g}$							
130 (L. Swei	99GA425	250	101	8.6	$\mu g/kg$	25.0	P.o.	50	54	8	40-126	4.
1353	994,6495	250	105	≈ p	$\mu_R/k_R$	25.0	80	7.2	7.5		45-142	L.
Process (497459)	~ 44,8425	250	93	4.0	ag/∳g						-	
(1) caramie 5	- 4G 8425	250	103	4. 7.	$_{\rm uK}/k_{\rm K}$				-			
: 4 I:B	49G3425	250	99	" "	$\mu g/kg$							
Помагов. Намартион	99 <b>G342</b> 3	250	93	5 P	$\mu g/kg$				-			
DOPA Ballon	99GJA35	250	101	K P	$\mu g/kg$							
Printing	89G3435	250	103	M D	$\mu g/kg$			-				
Vert. 400	98070425	250	100	a b	$\mu g/kg$	-						-

Notation:

ICA Initial Califoration Verification

Continuation Calibration Verification CCN

LCS - Lab Control Spike

MS Matera Spine

MSD - Mairix Spake Duplicare 1000 Interfesence Check Standard

MIC Matrix Duplicate

Not detected by less than PQL

CCH - Continuation Californium Hank

Mildank - Method Blank SP layel Spike Level

Miles - Hessivet (Percent MHM) - Reantive Percent Differenties. SDaff Canarol Limits for SRPD 2CF/SD | ICP Serial Dilution N.A. | Not Applicable

Respectfully submitted.

Kevin Xie, Ph. D., QA Director

Applied P & Ch Laboratory

S25 Del Rey Avenue, Suite E. Sunnyvate, CA 94086. Telephone (408) 735-1550 (800) 287-1799 • Fax (408) 735-155-155 (Analysis Work Order

LAB IJSE ONLY		Samples arrived chilled and intact:	Yes No	Notes:	Sapron	also	Bequested Analysis &	1 1 0 0 5 0 5 0 vu!	401 000 000 000 000 000 000 000	XXX								17:00 I'me 17:00	17/99 1111846	Time
DCR54 Project ID: <u>27862 - 055 - 04</u> 5		Telephone #:	(408 HSF 1124)	Spe	गुज्ज <b>े</b>	7:14	19 Je (0)	5 g 02 5/	74, 808 108	X	-	-				7	> >	14C	7	1)#t
yect ID: 278	Order #	Telep	*10 (408)	Acominents 5 ≥1本				į	Sample S. Container		l	,		1			_	-982	Jukken.	
Ę	Purchase Order #	Sampler/Company:	8 MY / DER	Hold Complete With	-				Time Collected Pres.	1	\   	\	\   	1	1	1		1-72ABH-95	andone	
ļ	=	4	- 	<u></u>	<u>-</u> 		Sample Information		Date	port/t		_ ·				-	<b>₹</b>	Received	F.Z. Commenting	Kandin
Junes + Moore	Gateman	270 W SY	20010 Royas	451-[125	r.		Sample		site Matrix	-	!			~	   	- 1	*	<u> </u>	FAM8# 952	
7	200	J	2001	(408)	#				Grah/ ID : A Commodite	<b>À</b> ∣	_	) [ 5	, h			٠,	2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		$\setminus$	
Client.	Address		Contact	Telephone #:	Tum Around				Lab # Samole ID	1-	2 to WW 200-	-003 DMP43	HORD DOO	*CMC	*DMD2	* AMP	N. W.D.	Robert 14.	N. P. S.	Keknaji In

Samples extived chilled and intect: 17:00 LAB USE ONLY ž 225 Del Rey Avence, Suita B - Barayande, CA 94016 • Telephone (408) 735-1550 (800) 287-1799 • Pan (408) 735-1554 ž Nater Chain of Custody/Analysis Work Order 00K5A Project Ui: 27862 - 001 - 045 ž Telephone # 15/20 J Purchise Order A ور دم Ě ŧ 12ABH Sampler/Company Time THE PARTY NAMED IN Rommet By Received By. Sample Laforcascion 2011 now + Mosec 24 270 WS Grab Companie Maurix 461-2010 4812 ğ Semple 10 F 7-10MG Z-JJWQ 0-1dm( -MoMA Telephone #: Contact Address Date Received Tum Around: 3 ŕ 9 3

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

# Subcontract Chain of Custody

udbedue

boombact Lab		Date Sens	Project Masse:	, , , ,	Droc Date:	<b>~</b> ^ ^ ^
MACC C		77299_	Dame	s 4 Ma	<u> 7</u>	<u> 9-99</u>
Sample ID and Source	Matrix	Required Analysis	Date Taken	Time Taken	Contain	— : <u>1</u>
732-∞1 (DMP1-1)	<u>   \$                                 </u>	4150	7-	<u> </u>	402	pr_
5133-002(DMP1-2) 5133-003(DMP1-3)		<u> </u>	<del> -</del> -	_		
<u>5133-003/DMP1-3</u> )		<u> </u>	$\vdash$		\ <u>\</u> -	
332-004(DMP1-4)	¥	₹	<b>V</b>		<u></u>	<del></del>
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525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

# Subcontract Chain of Custody

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Sub-contract Lab.		Dete Scate	Page Name	<u> </u>	<del></del>	- 6
APCL		77799	1 Dime	s +Ma	ve 1-7	7
Sample ID and Source	Metrix		Date Taken	Time Taken		1
15132 -001 (DMP1-1)	_S_	\$150 8270	77	_	40= p	<u>r</u>
<u>15132-002/DMP-Z</u>		* 3C5C (VS) 41CD5			<u> </u>	$\longrightarrow$
15132-001 (DMP1-1) 15132-002 (DMP1-2 15122-003 (DMP1-3) 15132-004 (DMP1-4)		<u> </u>	<u> </u>		<u></u>	
15132-004/DMP1-4)	1	₹	<u> </u>			
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525 Del Rev Avenue, Suite F. • Sunnyvale, CA 94086 • 308 (735-1550 • Fax) 408 (735-1554)

August 4, 1999

Sergio Rojas Dantes & Minore 2001 Gateway PL Sunte 270 W San Jose, CA 95110

Subject

2 Soil Samples

Lab#'s

15496-001 - 15496-002

Project Name:

Project Number

27862-003-043

P.O. Number

Method(s)

EPA 8260

EPA 8080, EPA 8150, EPA 8270-APCL

Subcontract Lab(s).

Applied P&Ch Laboratories (CAELAP #1431)

#### Dear Sergio Rojas.

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (#1-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely.

Michelle L. Anderson

Lab Director

CA ELAP# 1-2346

525 Del Rev Avenue, Suite F. • Sunnyvale, CA 94086. • (408) 735-1550. • Fax (408) 735-1554

Dames & Moore 2001 Gateway Place, Suite 270 W

San Jose, CA 95110 Attu: Sergio Rojas Date: 8/2/99 Date Received: 7/29/99

Project: 27862-003-043

PO #:

Sampled By: Client

# Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg)

Esmala ID	FIIFI		47	Fill-2						
Sample ID										<b>—</b>
Sample Date	7/27/99			7/27/99						
Sample Time	11:30			11:35						
Labe	15496-001			15496-002						
	Result	DF	DLR	Result	DF	DLR			PQL	Method
Extraction	วานต	ĺ		<u>mrc</u>	[ ]	]				3050
Extraction Date	7/29/99			7/29/99				L. T"		
Analysis Date	7/29/99	] - [		7/29/99						
QC Batch #	SM990730			SM990730			_	`		
Lead	ND	1.0	5 (1)	ND	1.0	50			5.0	6010
Extraction Date	7/29/99	]		7/29/99						
Analysis Date	7/29/99			7/29/99					-1	
QC Batch #	DS990714	$\neg$		DS990714					1 1	•
Total TPH-Extractable	ND			ND					<del>-  -  </del>	8015M
Individual TPH Results:										
TPH-Diesel	ND	ιĐ	10	ND	1.0	1.0			1.0	8015M
TPH-Motor Oil	ND	L.D	13	ND	1.0	13		<u> </u>	13	8015M
TPH-Bunker Oil	ND	1.0	1.0	ND	10	1.0			1.0	8015M
TPH-Jet Fuel (JP-5)	ND	1.0	10	ND	1.0	1.0		·	1.0	B015M
TPH-Stodderd	ND	1.0	1.0	ND	1.61	10			1.0	BOISM
TPH-Hydraulic Oil	ND	10	13	ND	1.4	13			13	BOISM
TPH-Fuel Oil	ND	. 10	1.0	ND	1.0	1.0			1.0	BOLSM
Нехасозале	90%			91%			• •		1-22	
Analysis Date	7/29/99			7/29/99					·   - <del> </del>	
QC Batch #	GBG19907	29		GBG19907:	29			<u> </u>	<del></del>	
Total TPH-Purgenble	ND	_ <del></del>		ΝĎ					<del>-   -  </del>	8015M
Individual TPH Results:										4013111
TPH-Gas	ND	1.0	1.0	ND	1.0	1.0			1.0	8015M
TPH-Aviation Gas	ND	10	1.0		1.0	1.0			1.0	
TPH-Mineral Spirits	ND	1.0,	1.0		1.0	1.0		<del>-  </del>	1.0	8015M
a.a.a-Trifluorotoluene	110%			103%	<del></del>				<del>    </del>	20121-1

Michelle L. Anderson, Lab Director

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

August 4, 1999

Sergio Rojas Dames & Moore 2001 Gateway Pa., Suite 270 W San Jose, CA 95110

Subject.

2 Soil Samples

Lab nis.

15496-001 - 15496-002

Project Name:

Project Number:

27862-003-043

P.O. Number:

Method(s):

EPA 8260

EPA 8080, EPA 8150, EPA 8270-APCL

Subcontract Lab(s):

Applied P&Ch Laboratories (CAELAP #1431)

Dear Sergio Rojas,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs. Inc. is certified by the State of California (41-2346). If you have any questions regarding procedures or results, please call me at 408-735-1550

Sincerely.

Michelle L. Anderson

Lab Director.

CA ELAP= 1-2346

525 Del Rev Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

#### NARRATIVE

1.ab #1s:

15496-001 - 15496-002

### SUMMARY:

Two (2) soil sample was received from Dames & Moore on July 29, 1999. Sample cooler was scaled and intact at time of sample receipt.

#### FINDINGS:

All Quality Control parameters are within established control limits except for QC Batch #SM990730 for MS/MSD for Chromium, Copper, Nickel, and Zinc and QC Batch # GHG1990729 for MS/MSD for Benzene.

525 Del Rev Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

11:30

Sample Matrix: Soil

Sample Date/Time: 7/27/99

_____ էայի #: 15496-00 Լ

Client ID: Fill-1

Date Reported: 8/2/99

Date Received: 7/29/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCM5990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetont	ND	100	100	Chloroform	ND	2	5
Acrylonitelle	ND	5	5	Chloromethane	ND	T . 3	5
Allyl Chloride	ND	5	. 5	2-Ch]orotoluene	ND	5	š
tert-Amyl Methyl Ether	NĐ	5	5	4-Chiorpialuene	ND.	5	5
Beaxene	ND	. 5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	5	- 3
Bromobenzene	ND		5	1,2-Dibromoethanc	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	5	
Bromodichloromethans	ND		5	cis-1,4-Dichlora-2-butene	ND	5	5
Bromoform	ND	5	5	trans-1.4-Dichloro-2-botene	ND	5	5
Bromomethant	ND	3		Dichlorodifluoromethane	ND	5,	5
ieri-Butanol	ND	20	20	1,2-Dicblorobenzene	ND	5	5
2-Botacone (MEK)	ND	20	20	1,3-Dichlorobenzene	NĐ	5	. 5
tert-Butyl Ethyl Ether	ND	3	5	1,4-Dichlorobenzene	ND	5	- 5
n-Butylbenzene	ND	5	5	1.1-Dichloroethane	ND	5	5
sec-Butylbenzene	ND	5	5	1.2-Dichloroethane	ND	] 5	5
tert-Butylbenzene	ND	3	5	1,1-Dichloroethene	ND	5	5
Carbon Disulfide	ND	5	5	cis-1.2-Dichloroethene	ND	- 5	5
Carbon Tetrachloride	ND	5	5	teans-1,2-Dichloroethene	ND	5	5
Chlorobenzene	ND	- 5	.5	1.2-Dichloropropane	ND	S	.5
Chloroethane	ND	5	5	1,3-Dichloropropage	ND	5	5
2-Chloroethyl Vinyl Ether	ND	5	5	2,2-Dichtoropropane	ND	s!	

Surrogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb)</li> </ol>
Dibromofluoromethane	143	2. DLR+ DF x PQL
Taluene-d8	III	<ol> <li>High surrogate recovery due to matrix interference.</li> </ol>
4-Bromofluorobenzene	95	<ol> <li>Analysis performed by Entech Analytical Labs, Inc.</li> </ol>
		(CAELAP 41-2346)

Michelle L. Anderson, Lab Director

NO. None Detected at its above DLR. IA.R. Detection Reporting Limin PQL Practical Quantitation 7 mil

195 Distance Factor

525 Del Rey Avenue, Søde F. • Suprivvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11:30

Lab #: 15496-001

Client ID: Fill-1

Date Reported: 8位'99

Date Received: 7.29.99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1.1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cls-1,3-Dichloropropens	ND	3:	5	Tolucae	ND		
trags-1,3-Dichloropropene	ND	5		1,2,3-Trichlorobenzene	ND	5	5
Däsopropyl Ether	ND	. 5	5	1.2.4-Trichlorobenzene	ND	I1	5
Ethyl Methaerylate	ND	5		1,2,3-Trichloropropane	ND	5	5
Ethylbenzene	ND	- 5	5	1.1.1-Trichlomethane	ND		5
Nexachlorobutadiene	ND	5	. 3	1,1,2-Trichloroethane	DND	5	5
2-Незаполе	ND	20	20	Trichlorgethene	ND	5	\$
liodomethane	ND	5		Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ŇĎ	5	5	1.2.4-Trimethylbenzene	ND	3	5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	5
Methacrylonitrile	ND	5	: 5	Xylenes (total)	ND	5	5
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-bulyl Ether	ND	5	5				
Methylene Chloride	ND	5	5			<u> </u>	
Naphthalene	ND	5	5				
J'entachloroethane	ND		5				
2-Picoline	ND	5	5	<u> </u>			
n-Propylbenzene	מא	5	5	<u> </u>			
Styrene	ND	. 5	5	·		ļ	
1.1,1.2-Tetrachloroethane	ND	5				ļ.,	
1,1,2,2-Tetrachlorocthanc	ND	] 5	5				

Surrogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb)</li> </ol>
Dibromofluoromethane	143	2. DLR= DF x PQL
Taluene-d8	111	<ol> <li>High surrogate recovery due to matrix interference.</li> </ol>
4-Bromotluorobenzene	95	4 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND None Detected at or above 12, R DR.R Descript Reporting Limit PQL Practices Quartitation Limin

53F (Delunion Factor

525 Del Rey Avenue, Suite E . Sunnyvale, CA 94086 . (408) 735-1550 . Fax (408) 735-1554

## Certified Analytical Report Volatile Organic Compounds by EPA Method 82608

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11/35

Lab#: 15496-002

Client ID: Fill-2

Date Reported: 87:99 Date Received: 7/29:99

Date Analyzed: 7/30/99

Dilution Factor: |

QC Batch #: SGCMS990726

Campound	Value	PQL	DLR	Compound	Value	PQL	DLR
Acetone	ND	100	100	Chlaroform	ŊĎ	5	5
Acrylonitrik	ND	5	5	Chloromethane	ND	- 5	- 5
Allyl Chloride	ND	5	5	2-Chioratoluene	ND	5	5
tert-Amyl Methyl Ether	ND	_5	. 5	4-Chlorotoluene	ND	- 5	5
Веплене	ND	5	5	Dibromochloromethane	ND	51	5
Benzyl Chloride	ND	5	5	1.2-Dibromo-3-chinropropune	ND	5	- 5
Bromobenzene	ND	5	5	1,2-Dibromocthane	ND	5	- 5
Bromochloromethane	ND	5	5	Dibromomethung	ND	- 3	- 5
Bromodichloromethung	ND	5	5	cis-1,4-Dichloro-2-butene	ND	5	5
Bromoform	ND	5	5	trans-1,4-Dichloro-2-butene	ND	3	5
Bromomethane	ND	5	- 5	Dichlorodifluoromethane	NÜ	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	5	5
2-Butanone (MEK)	ND	20	20	1.J-Dichlorobenzene	ND	3	5
ieri-Butyl Ethyl Ether	αN	. 5	5	1,4-Dichlorobenzene	ND	- 5	5
p-Butylbenzene	ND	- 5	- 3	1.1-Dichloroethane	ND	3	5
sec-Butylbenzene	ND	5	5	1,2-Dichloroethane	ND	51	- 5
tert-Butylbenzene	ND	- 5	5	1,1-Dichlargethene	ND	3	5
Carbon Disulfide	ND	- 5	- 5	cis-1.2-Dichloroethene	ND	- 5	5
Carbon Tetrachloride	ND	5,	5	trans-1,2-Dichloroethene	ND	3	- 5
Chiorobenzene	ND	5	- 3	1.2-Dichloropropane	ND	5	3
Chlorocthane	סא	5:		1,3-Dichloropropane	ND	3	31
2-Chlorgethyl Vinyl Ether	ND	- 3		2.2-Dichloropropune	ND	5	- 3

Surrogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb).</li> </ol>
Dibromofluoromethane	144	2 DLR - DF x PQL
Toluene-d8	97	3. High surrogate recovery due to matrix interference
4-Bromoßuprobenzene	96	4 Analysis performed by Entech Analytical Labs, Inc.
		(CAELAP #J-2346)

Michaile L. Anderson, Lab Director

ND None Descried at or above DLR DCR Descript Reporting Limit POL. Practical Quantitation Limit

DF Dilution Factor

525 Del Rev Avenue, Suite E • Sunnevale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

# Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/27/99 11:35

Lab #: 15496-002

Client ID: Fill-2

Date Reported: 8/2/99

Date Received: 7/29/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQU	DLR	Compound	Value	PQL	DLR
1.1-Dichloropropene	ND	5	5	Tetrachloroethene	ND	5	5
cls-1,3-Dichloropropene	ND	5	5	Toluene	ND	5	
trans-1.3-Dichloropropene	ND	5		1.2.3.Trichtorobenzene	ND	5:	5
Diisopropyl Ether	ND	5	5	1,2,4-Trichtorobenzene	ND	5	.5
Ethyl Methacrylate	NB	3		1,2,3-Trichloropropane	ND	- 5	- 5
Ethylbenzene	ND	5:	5	1,1,1-Trichloroethane	ND	5	- 5
Hesschlorobutadiene	ND	- 5	,5	1,1,2-Trichloroethane	ND	5	5
2-Незаполе	ND	20	20	Trichloroethene	ND	- 5	5
lodomethane	ND	5	5	Trichiorofluoromethane	ND	5	. 5
Isopropylbenzene	NB	5	5	1.2.4-Trimethylbenzene	ND	5	. 5
p-Isopropyltoluene	ND	S	5	1,3,5-Trimethylbenzene	ND	5	- 5
Methacrytonitrile	ND	5	S	Xylenes (total)	ND	3	3
Methyl Methacrylate	ND	5	5	Vinyl Chloride	ND	31	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20	<u> </u>	<u> </u>	<del>!                                    </del>	
Methyl-tert-butyl Ether	ND	5	5			1	
Methylene Chloride	ND	5	5				
Naphthalene	ND	- 5	5			† †	
Pentachloroethane	ND	5	5			<del>                                     </del>	
2-Picoline	ΝĐ	5	5			1 1	
n-Propylbenzene	ND	5	5			<del>                                     </del>	
Styrene	ND	3	- 5			1	
1,1,1,2-Tetrachloroethune	ND	5	5		$\neg$	<del>                                     </del>	
1.1.2.2-Tetrachloroethane	ND	5	5			1	

Sumogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb)</li> </ol>
Dibromofluoromethane	144	2. DLR+ DF x PQL
Toluene-d8	97	<ol> <li>High surrogate recovery due to matrix interference</li> </ol>
4-Bromofluorobenzene	96	<ol> <li>Analysis performed by Entech Analytical Labs, Inc.</li> </ol>
		(CAELAP #1-2346)

Michelle L. Anderson, Lab Director

ND. Note Detacted at or above DLR

DLR Detection Reporting Lienti

PCC Practical Quantities on Lemit

DF Dilution Factor

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## Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil

Sample Date/Time: 7/30/99

Lab #: Method Blank

Client ID:

Date Reported: 8/2/99

Date Received: 7/30/99

Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compéund	Value	PQL	DLR
Acetone	ND	100	100	Chloroform	ND	5	5
Acrylonitrile	ND	- 5	5.	Chloromethane	NĐ	5	5
Allyl Chloride	ND	5	5	2-Chlorotoluene	ND	5	5
tert-Amyl Methyl Ether	ND	5	5	4-Chlorotoluene	ND	1	5
Benzens	ND	5	5	Dibromochloromethane	ND	5	5
Benzyl Chloride	ND	5	5	1,2-Dibromo-3-chloropropane	ND	3	5
Bromobenzene	ND	5	5	1,2-Dibrompethane	ND	5	5
Bromochloromethane	ND	5	5	Dibromomethane	ND	- 31	- 5
Bromodichloromethane	ND .	5	5	cis-1.4-Dichloro-2-hutene	סא	\$	5
Bromoform	ND	. 5	S	trans-1,4-Dichloro-2-butene	ND	- 5	5
Bromomethane	ND	5	5	Dichlorodifluoromethane	ND	5	5
tert-Butanol	ND	20	20	1,2-Dichlorobenzene	ND	- 5	5
2-Butanone (MEK)	ND	20	20	1.3-Dichlorobenzene	ND	5	5
ieri-Butyl Ethyl Ether	NĐ	5	- 5	1,4-Dichlorobenzene	ND	5	- 5
n-Butylbenzene	ND	5	5	1,1-Dichloroethane	ND	5	5
sze-Butylbenzene	ND	. 5	5!	1,2-Dichloroethane	ND	5	5
ters-Butylbenzene	ND	5	- 5	1,1-Dichloroethene	סא	- 5	5
Carbon Disulfide	ND	5	5	çis-1,2-Dicbloraetheae	IND	5	5
Carbon Tetrachloride	ND	5	- 5	trans-1.2-Dichloroethene	ND	5	5
Chlorobenzene	ND	5	3	1,2-Dichloropropane	NÜ	5	5
Chloroethane	NĐ	5		1.3-Dichloropropane	ND	- 3	5
2-Chloroethyl Vinyl Ether	ND	5		2,2-Dichloropropane	ND	5	5

Surrogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb).</li> </ol>
Dibromofluoromethane	110	2. DLR+ DF x PQL
Toluene-dR	106	<ol><li>Analysis performed by Entech Analytical Labs, Inc.</li></ol>
4-Bromofluorobenzene	107	(CAELAP #1-2346)

NO None Detected at or above DER DER Detection Reporting Stamil POL. Predical Quantitation Limit

DF Dritation Factor

525 Del Rey Avenue, Suite E • Suprivvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

#### Certified Analytical Report Volatile Organic Compounds by EPA Method 8260B

Client: Dames & Moore

Sample Matrix: Soil Sample Date/Time: 7/30/99

Lab #: Method Blank

Client ID:

Date Reported: 8 2/99

Date Received: 7/30/99 Date Analyzed: 7/30/99

Dilution Factor: 1

QC Batch #: SGCMS990726

Compound	Value	PQL	DLR	Compound	Value	PQL	DLR
1,1-Dichloropropene	ND	5]	. 5	Tetrachloroethene	ND	5	5
cis-1.3-Dichloropropene	ND	5	5	Taluene	(ND	<u>[</u> 5]	5
trans-1,3-Dichloropropene	ND		3	1,2,3-Trichlorobenzene	ND	5	5
Diisopropyl Ether	ND	- 5	5	1,2,4-Trichlorobeozene	]אם	L 5	5
Ethyl Methacrylate	ND	5	5	1,2,3-Trichloropropage	ND	5	5
Ethylbenzene	ND	5	5	1,1,1-Trichloroethane	ND	5	5
Hexachlorobutadiene	ND	5	5	1,1,2-Trichloroethune	םא[	5	5
2-Hexanone	ND	20	20	Ť⊤ichloroethene	ND	5	. 5
lodomethane	ND	5	5	Trichlorofluoromethane	ND	5	5
Isopropylbenzene	ND	5	5	1.2.4-Trimethylbenzene	ND	5	- 5
p-Isopropyltoluene	ND	5	5	1,3,5-Trimethylbenzene	ND	5	3
Methacrylonitrile	ND	5	5	Xylenes (total)	ND	- 5	5
Methyl Methocrylate	ND	- 5	5	Vinyl Chloride	ND	5	5
4-Methyl-2-Pentanone (MIBK)	ND	20	20				
Methyl-tert-butyl Ether	ND						
Methylene Chloride	ND	5	5				
Naphtheiene	NĐ	. 5	5	[		[	
Pentachloroethune	ND	5	5			F	
2-Picoline	ND	5	5			1	
n-Propylbenzene	ND	5	5				
Styrene	ND	5	5			i ¬	
1.1.1,2-Tetrachloroethane	ND	5	5				
1.1,2.2-Tetrachloroethane	ND	5	5				

Sштogate	Recovery (%)	<ol> <li>Results are reported in ug/kg (ppb).</li> </ol>
Dibromofluoromethane	110	2 QH,R = DF x PQ1.
Toluene-d8	106	<ol> <li>Analysis performed by Entech Analytical Labs. Inc.</li> </ol>

Toluene-d8 106 3. Analysis performed by Entech A 4-Bromofluorobenzene 102 (CAEt.AP #J-2346)

nichelle L. Anderson, Lab Director

ND None Detected at its above DLR DLR Detection Reporting Limit PQL: Pregrand Quemicuson Limit

DF Dilution Factor

# Volatile Organic Compounds Matrix Spike and Matrix Spike Duplicate

QC Batch #: SGCM599726 Date analyzed: 07/26/99
Matrix: Soil Spiked Sample: 15496-001

Units, µg/kg

Units	. μg/kg									
PARAMETER	Method #	SA   µg/kg	SR µg/kg	SP µg/kg	SP %R	SPD µg/kg	SPD %k	RPĐ	Q RPD	C LIMITS %R
1,1-Dichloroethene	8240/8260	25	ND	<b>Z8</b>	113	\$1	122	7.8	25	50-150
Benzere	8240/8260	25	ND	30	120	32	126	4.5	25	50-150
Trachlorgethene	\$240/8260	25	ND	31	125	33	131	44	25	50-150
Toluene	8240/8260	25	ND	30	120	31	126	46	25	50-150
Chlorobenzene	8240/8260	25	ИD	31	122	31	125	2.3	25	50-150
Surrogales										
Dabromo Duoromethuse	8240/8260		143%	146%		156%	:			65-135
мтве-аз	8240/8260		142%	143%	:	159%				65-135
Toluenc -d8	8240/8260		111%	106%		108%				65-135
4-Bromo/Juorobenzene	8240/8260		95%	97%		96%				65-135

High Surrogate Recoveries Due to Matrix Interferences.

Calculated Recoveries Outside of Recovery Limits:

#### Definition of Terms.

na Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result SP (%R): Spike % Recovery

SPO: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

# Volatile Organic Compounds Laboratory Control Sample

QC Batch #: SGCMS990726

Marrix: Soil

Timite: ue/ke

Date analyzed: 07/26/99

Spiked Sample: Blank Spike

Onits PBAE										
PARAMETER	Method #	5 <b>Α</b> μ <b>g/</b> kg	S#R	SP µg/kg	92	SPD µg/kg	SPD %R	RPD	Q RPD	CLIMITS
1.1-Drahloroethene	8240/8260	25	מא :	25	98	22	87	12.1	25	70-130
Вепасте	8240/8260	25	ND	27	105	28	110	l. <b>8</b>	25	70-130
Trichlorosthene	8240/8260	25	ND	27	110	28	111	L.I	25	70-130
Tolume	8240/8260	25	ND	27	109	29	114	4.3	23	70-130
Chlorobenzerse	8240/8260	25	ND	26	106	29	114	7.7	25	70-130
Surragases			į							
Dibromofluoromethane	\$240/8260		114%	111%		106%				65-135
MTBE-43	8240/8260		92%	82%		101%				65-135
Toluene -d8	8240/8260		101%	101%		111%				65-135
4-Bromofluorobenzene	8240/8260		91%	91%		101%				65-135

#### Definition of Terms:

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Dupticate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Laboratory Control Spikes

QC Balch #:	DS99071-	4					Date a	nalyzed:		07/27/99			
Matrix	Soil				Date extracted.						07/27/99		
Units.	mg/Kg		Quality Control Sample: Blan						Blank Spike				
PARAMETER	'ARAMETER Method # MB SA SR SP SP SPD SPD mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg %R img/Kg %R								ŘPD	Q RPD	C LIMITS %R		
Diesel	BOISM	<1.0	25	ND	21	85	21	84	1.2	25	44-120		

Hezocasane 124% 126% 126% 65-135

#### Definition of Terms:

MB Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spake Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Laboratory Control Spikes

QC Batch #: DS#90714 Date analyzed: 07.28/99
Matrix: Soal Date extracted: 07/28/99
Units: me/Ke Onelin: Control Semale: 15453-504

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ALICO MINETER		Quality Conduit Sample			Sauthie.	15451-006				
PARAMET	ER Method #		SA mg/Kg	SR mg/Kg	SP mg/Kg	SP %R	SPD mg/Kg	SPD %R	RPD	Q APD	CLIMITS %R
Diesel	8015M	<1.0	25	ΝĐ	21	82	20	9.0	3.0	25	45-119

Calculated Recovery Outside of Control Limits:

Herocorane 123% 119% 121% 65-135

Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added SR: Sample Result

RPD(%) Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Applied P & Ch Laboratory

13700 Magaclia Ave. Chino CA 81710

Tel: (909) \$90-1928 Fex: (909) 590-1494

Submitted to

Entech Analytical Labs, Inc.

Attention: Allan Aks 525 Del Rey, Suite E

Sunnyvale CA 94086

Tel: (408)735-1550 Fax: (408)735-1654

APCL Analytical Report

Service ID #. 801-995060

Collected by:

Collected on: 07/27/99

Received (17/30/99

Extracted: 07/30/99 Tested: 07/31-08/02/99

Reported: 08/04/99

Sample Description: Soil

Project Description Dames & Moore

Analysis of Soil Samples

_				Analys	as Result
Сотролем Арајухед	Merpod	Unst	PQL	15496-001 99-05060-1	15495-002 99-45050-2
Semi-VOC, 84 Compounds					_
Dilution Factor				1	1
Acenaphthene	5270	μg/kg	500	нц	MD
Acenaphthylene	52 7 0	μg/kg	500	טא	КD
Anthracege	52 1 0	μβ/kg	500	KD.	טא
Benz(a) anthracene	8270	μg/kg	500	ак	טפ
Henza(a)pyrene	8270	μB/kg	500	ак	80
Benzo(b)fluoranthene	8270	uR/kg	500	gK.	ND
Henzo(g.b,1)perylene	8270	ur/kg	500	ND	ND
Benzo(k)Buoranthene	6270	uz/kg	500	ND	ND
Bis(2-chloroethoxy) methane	8270	μg/kg	500	ND:	MD.
Bis(2-chloroethyl) rther	827a	μg/kg	500	КU	ND.
Bis(2-chlorosopropyl) ether	8270	μg/kg	500	טת	HD
Bis(Z-ethylhosyl) plothalate	827O	uR/kz	500	90	ax
4. Bromophenyl phenyl ether	8270	μR/kg	500	מא	ak
Butyl Bensyl Phthalate (BRP)	8270	"g/kg	500	ДИ	ND
4-Chloro-3-methylphenol	8270	"R/ka	1000	ΔM	ND
4-Chloroanillane	8270	48/4g	1000	ΔM	ND
2-Chloroosphthalene	8270	#R/4R	500	מא	ND
2-Chlarophenol	827G	MR/XR	500	ND	N ₂
4-Oblosophenyl phenyl caher	8270	ar/kg	500	ND	ND.
Chrysene	8270	"R/kg	500	ND	CM
Disn-bodyl phthalate (DBP)	8270	as/kg	500	ND	NU
Disnoctyl phtbalate (DOP)	8270	mg/kg	500	ND	KÜ
Dibenz(n.h)anthracene	8270	mg/kg	500	ND	ьĎ
Dibensofuran	8270	μg/kg	500	NO.	KU
1,2 Dichlorobenzene	2270	eg/kg	500	ND	MEI.
1.3-Dichkgobenzene	6270	μ ε/kg	500	NC:	90
1.4 Dichlotobenzene	8270	ug/kg	500	NO	ND
3.3 Dichlorobrazidine	8270	ug/kg	1000	NU	86
2,4 Dichlorophenol	8270	μg/kg	500	NΠ	ND
Diethyl phabalate (DEP)	K27D	μg/kg	500	ND-	ND
Dimethyl phthalate (DMP)	62 JD	μg/kg	500	КD	80
2.4-Dimethylphenol	6270	μg/kg	500	FD	νъ
4.6-Dinttro 2-methylphenol	8270	"R/kg	2500	KU	ND
2.4-Dinstrophenol	8270	MR/kg.	2500	яb	No
2.4-Dinitrotoluene	8270	MR/KR	500	ND	KD
2.6-Diaitrotolucne	8270	us/An	500	ЗD	KU
Fluoranthene	827D	JE/KR	500	ND	яD
Fluorene	8,270	uR/¥R	500	ND	90

CADHS FLAP No.: 1431

Applied P & Ch Laboratory

13100 Magacille Ave. Chino CA 91110

Tel: (809) 580-1534 Fax: (909) 590-1498

APCL Analytical Report

Camponent Analyzed	Method	Timit	PQ1	Analys 15496-001	as Regult 15496-002
				99-05060-1	99-05060-2
Hexachlorobenzene	8270	μ6/ k 8	500	нD	טא
Hexachlorobusadiene	8270	μg/kg	500	MD	ND
Hexachlorocyclopentadiene	8270	μg/kg	51ID	KD.	NO
Hexachloroethane	8270	µg/kg	596	HD.	MC
Indeno(1,2.3-ed)pyrene	8270	μg/kg	500	40	925
Loupharone	8270	μg/kg	506	ИÜ	SC
2-Methylpaphthalene	8270	μβ/kg	500	ND	NO
3/4-Methylphenol (m/p-Cresal)	8270	_g/kg	500	ND	SII
2-Methylphenol (o-Cresol)	8270	"g/kg	500	ND	ND
Naphthalene	8270	μR/¥B	500	ND	ND
2-Nitroandine	8270	⊌g/kg	2500	NED	NP
3-Nitroambee	8270	us/kg	2500	ķр	rth (th
4-Nitroandine	8270	ug/kg	2500	KD	ND UN
Nitrobenzene	8270	8/ k 8 د	500	ĸ¢	MD
2-Nitropheaol	8270	μg/kg	500	KD.	MEX
4- Nitrophenol	8270	ue/ka	2500	HO	8721
N-Nitroso-di-a-propylamine	8270	48/MR	500	AD.	NL:
N-Nitrosodiphenylamine	8270	ng/kg	500	ΧU	an.
Pentachlorophenol (PCP)	8270	μ a /kg	2500	ND	80
Phenantherne	8270	μ6/kg	500	90	яр
l'benoj	8270	μg/kg	500	ND	עא
Pyrene	8270	μg/kg	500	NO:	ND
1.2,4-Trichlorobenzene	8270	μg/kg	500	H.C.	NZ)
2.4.5 Trichtarophenol	9270	μg/ k g	500	K0	ND.
2.4.6 Tuchlarophenol	8270	μg/kg	500	K0	KD.
rgenochlorson passicides		PDD			
Dilution Factor				ì	i
Aldrin	5168 \$	μg/Ag	ι	6D	нр
3-BHC	808 t	pe/ka	ι	ND.	s n
a-BRC	8081	μg/kg	1	жп	40
δ-BHC	308L	µB/kg	1	яр	ΝÜ
γ-BHC (Lindape)	8081	µB/MB	1	АÞ	ND
O-Chlordane	8081	µg/kg	1	AD.	ND
7-Chlordane	8081	µB/kg	1	90	ND
4.4'-DDD	1808	µg/kg	2	иD	ND
4.4'-DDE	8081	µg/kg	2	סא	ND
4.45 DDT	8081	AR/AR	2	AM.	ND
Dieldein	8081	un/kn	2	טא	NEX
Endosulfan	8081	μg/kg	1	MD.	ND
Endosulfan []	edel	μ x /kg	2	ND	K5
Endoxulfali sulfate	6061	μ#/kg	5	ND	NO
Radria	8081	#\$/ be	2	ND	NO
Endrin aldehyde	AUA]	μ g /kg	2	ND	MD.
Endrin ketone	AOA]	μg/kg	2	ND	MO.
Beprachlor	8081	µ6/kg	1	ND	KD
Beprachlor epoxade	6083	μg/kg	1	MD	но
Methoxychlor	8081	#6/#8	16	ND.	×u
Texaphelic	нон1	AB/RB	100	טוע	SD

Entech Analytical Labs, inc.

QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spikes
METHOD: EPA 6010

QC Batch #: SM990730 Matrix: Solid

Digestion Method: EPA 3050 Spiked Sample, Blank Spike

Date Analyzed: 07/29/99 Date Digested: 07/29/99

Linus.	Linuts: mg/kg Spiked Sample. Blank Spike													
PARAMETER	Method #	MB mg/kg	5A mg/kg	SR mg⁄kg	SP mg/kg	SP %R	SPD mg/kg	SPD %R	RPD	RPD (C LIMITS			
Antimony	60lo :	<1.0	50.	That	D-B	DB	ពន	па	คล	25.0	75-125			
Arsenic	6010	<1.0	30.	0.0	45.	89	47.	94	4,5	25.0	75-125			
Barium	6010	<1.0	50	па	De	na	па	1/m	nă.	25.0	75-123			
Beryllium	6010	< 1.6	50.	DB	D-B	na	ηа	π±	na	25.0	75-125			
Cadmium	6010	<1.0	50.	0.0	42.	5 3	43.	86	3.5	25.0	75-125			
Chromaum	6010	<1.0	50	0.0	45.	91	45.	91	D.2	25.0	75-125			
Cobal1	6010	<1.0	50.	na	na.	па	па	n.a	n a	25.0	75-125			
Copper	6010	<1.0	50.	0.0	46.	91	46.	92	0.6	25.0	75-125			
Lead	6010	<1.D	50.	0.0	44.	85	44.	88	0.0	25.0	75-125			
Molybdenum	6010	<1.0	50.	na	na	na	Пa	n-a	па	25.0	75-125			
Nickel	6010	<1.0	50.	0.0	45.	89	45.	91	1.6	25.0	75-135			
Selenium	601D	<1.D	50.	па	na	11-2	п.я	па	nà	25.0	75-125			
Silver	60 10	<1.0	SD.	na	па	ла	па	ГEД	na	25.D	75-125			
Thallium	6010	<1.0	50.	Пa	пэ	П-Э	т.р	n.a	na	25.0	75-125			
Vanadium	6010	<1.0	50	ла	n.	nuði	n.a	n.a	n2	25.0	75-125			
Zinc	6010	<4.0	50.	0.0	43.	85	44.	87	2.2	25.0	75-125			

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spake Duplicate % Recovery

METHOD: Gas Chromatography Matrix Spike and Matrix Spike Duplicate

QC Batch #: GBG1990729

Date Analyzed: 97/29/99

Matrix: Soil

Quality Control Sample: 15483-001

Units Hg/kg

				_							
PARAMETER	Method #	MВ цg⁄kg	SA MK/KB	SR μg/kg	SP µg/kg	SP % R	SPD µg⁄¥g	SPD %R	RPD	QX RPD	CLIMITS %R
Benzene	8020	<5.0	22.5	ND	15	67	15	67	0.0	25	70-13 0
Toluene	8020	<5.0	125	ND	130	104	135	108	3.8	25	70-130
Ethyl Benzene	8020	<5.0	25.0	ND	25	100	30	120	18.2	25	70-130
Xylenes	8020	<5.0	125	ND	140	112	150	120	6.9	25	70-130
Gasoline	8015	<1000	2500	ND	2325	93	2 38 0	95	2.3	25	75-125
ana-TFT(S.S.)+PID	8020		•	101%	116%		115%				65-135
ouo-TFT(\$\$)-FID	8015			104%	112%		109%				65-135

Calculated Recoveries Outside of Control Limits:

Bentene

Definition of Terms:

na: Not Analyzed in QC batch

MB. Method Blank SA: Spike Added SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result
SP (%R). Spike % Recovery
SPD: Spike Duplicate Result
SPD (%R): Spike % Recovery

Entech Analytical Labs, Inc.

CA ELAP # 1-2346

525 Del Rey Avenue, Suite E, Sunnyvale, CA 94086

(408) 735-1550

FAX (408) 735-1554

Subcontract Chain of Custody

Subcontract: APCL	rtract Lab Progect Name D&M Consulting Engineers			Date Sent 07/39/99		Dac Dac 08/02/99 BY 9AM			
S ample Number	Customer Sample Number	Matrix	ſer:	Method.	Coffeet	Collect Teme	Bettle Type	Preservative	
15496-001	Fi&-j	Soit	EPA KORI/\$082-APCL	EPA 8081	7/27/99	II.30 AM	4 OZ JAR	40	
15496-001	FiO-J	Snil	EPA 8150-APCL	EPA \$150	7/21/99	11: 30 A M	4 07 JAR	40	
15496-001	FiP-1	Soil	EPA 8270-APCL	EPA \$270	7/27/99	11:30 AV	4 OZ JAR	4.0	
15496-002	FiD-2	Soil	EPA 8081/8082-APCL	EPA 2081			4 OZ JAR	4 C	
15496-002	Fill-2	Soil	EPA 8150-APCL	EPA \$150			4 OZ JAR	4 C	
15496-002	Fill-2	Soil	RPA 8270-APCL	EPA \$270			4 OZ JAR	4.0	

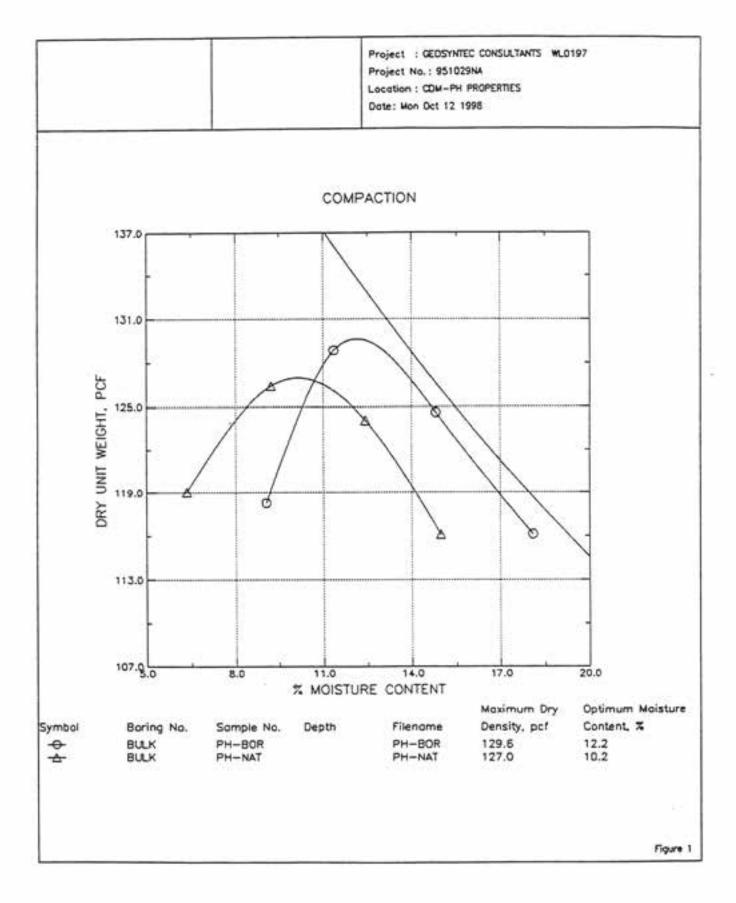
6000

Relunquished By:	Received By	Desc	Tame
ughazo un cal	Onemight	7/29/99	Gar
Relinquished By	Received By		J _I mac
	Smell Brews	7.30.99	9:00
Relinquished By	Received By	Daze	Time.
 		:	

Notes:

Attachment A

Source Material Compaction, Grain Size Distribution, and Atterberg Results



Boring No. : BULK

Sample No. : PH-BULK-3

Tested by : C. WASON

Filename : PH-BUK3

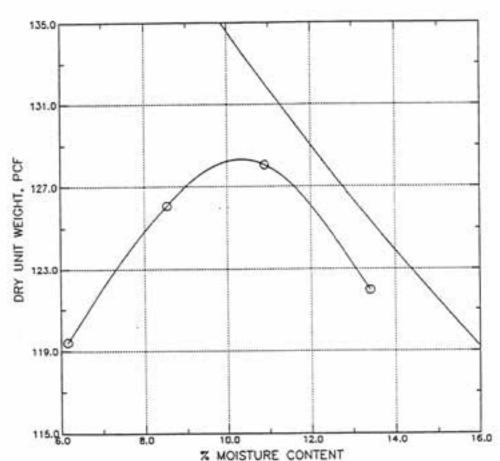
Project : GEOSYNTEC CONSULTANTS WL0197

Project No.: 951029NA

Location : CDM-PH PROPERTIES

Date: Thu Oct 29 1998





Sample Description

: BROWN GRAVELLY CLAYEY SAND

Compoction Test Designation

: ASTM D1557-C

Maximum Dry Density

: 128.3 PCF

Optimum Moisture Content

: 10.3 %

Figure 1

Mon Oct 12 08:53:42 1998

Page : 1

GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Filename : PH-NAT Elevation:

Boring No. : BULK

Test Date : 10/09/98

Tested by : J. MEBEL Checked by : S. CAPPS

Sample No. : PH-NAT

Location : COM-PH PROPERTIES

Test Method : ASTM D1557-C

Soil Description : REDDISH BROWN CLAYEY SAND WITH GRAVEL (SC)

COMPACTION TEST

Mold ID : Method Used : ASTM D1557-C

Volume of Mold : 0.07489 ft'3

Mass of Mold : 2727.7 gm

Specific Gravity: 2.75

Moisture Content ID	Mass of Container (gm)	Mass of Container + Moist Soil (gm)	Mass of Container • Dry Soil (gm)	Mass of Hold • Specimen (gm)	Hoisture Content (%)	Dry Density (pcf)
	**********			********		
	0.00	4295,90	4039.80	7028.00	6.3	119.0
	0.00	4679.30	4284.00	7418.40	9.2	126.4
	0.00	4731.40	4208.30	7465.00	12.4	124.0
	0.00	4528.50	3939.10	7261.80	15.0	116.1

Optimum Dry Density = 127.0 pcf Optimum Moisture Content = 10.1 %

Mon Oct 12 08:47:17 1998

Page : 1

GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Filename : PH-BOR Elevation:

Boring No. : BULK

Test Date : 10/09/98

Tested by : J. MEBEL

Sample No. : PH-BOR

Test Method : ASTM D1557-C

Checked by : S. CAPPS

Location : CDM-PH PROPERTIES

Soil Description : GRAYISH BROWN CLAYEY SAND WITH GRAVEL (SC)

Remarks :

COMPACTION TEST

Mold ID I

Method Used : ASTM D1557-C

Volume of Mold : 0.07489 ft'3

Mass of Mold : 2727.7 gm

Specific Gravity: 2.9

Moisture Content ID	Mass of Container (gm)	10000	of Container	Hass of Container + Dry Soil (gm)	Mass of Mold + Specimen (gm)	Moisture Content (%)	Dry Density (pcf)
					********	******	*******
	0.00		4316.90	3958.30	7110.00	9.1	118.3
	0.00	100	4866.40	4369.60	7602.70	11.4	128.9
	0.00		4852.20	4226.50	7585.90	14.8	124.6
	0.00		4653.50	3941.00	7385.30	18.1	116.1

Optimum Dry Density = 129.6 pcf Optimum Moisture Content = 12.1 %

Filename : PH-BULK3

Tested by : C. WASON

Checked by : S. CAPPS

Elevation :

Thu Oct 29 13:14:00 1998

Page: 1

GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Boring No. : BULK

Sample No. : PH-BULK-3

Location : CDM-PH PROPERTIES

Soil Description : BROWN GRAVELLY CLAYEY SAND

Remarks :

COMPACTION TEST

Test Method : ASTM D1557-C

Test Date : 10/28/98

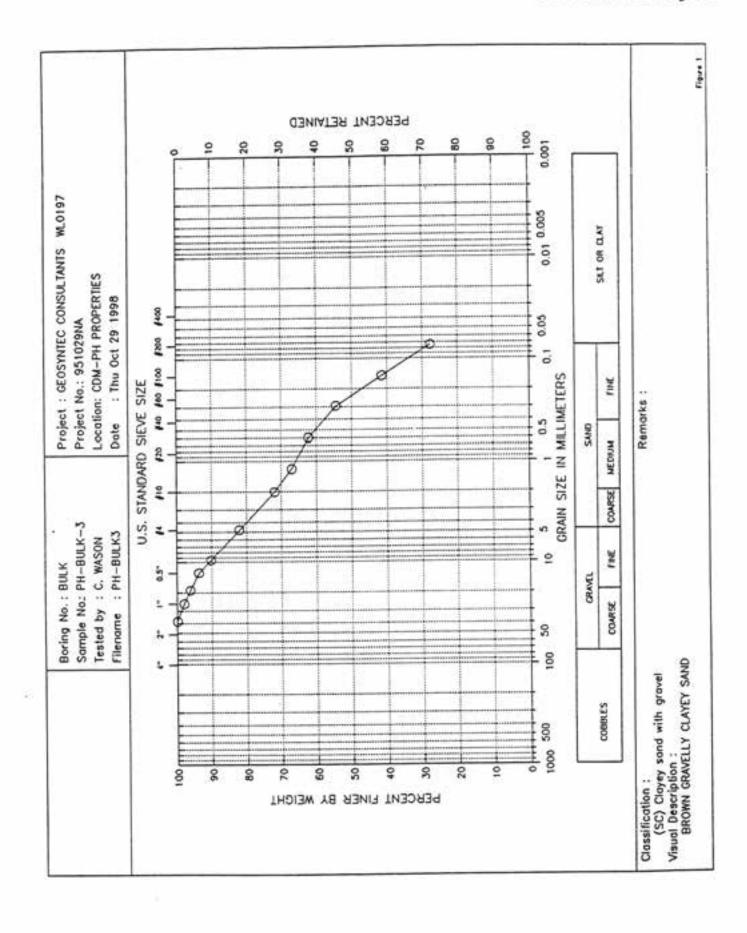
Mold ID : 6-2 Method Used : ASTM D1557-C Volume of Mold : 0.07489 ft"3

Mass of Hold : 2727.7 gm

Specific Gravity : 2.75

Moisture Content ID	Mass of Container (gm)	Mass of Container + Moist Soil (gm)	Mass of Container • Dry Soil (gm)	Mass of Mold • Specimen (gm)	Moisture Content (%)	Dry Density (PCF)
	4.0		**************	********	*******	
		4302.70	4053.30	7034.00	6.2	119.4
	0.00		4263.00	7376.90	8.5	126.1
	0.00	4627.00	77777111		10.9	128.1
	0.00	4816.30	4342.90	7552.00	11.3330.00	0.000.004
	0.00	4694.40	4139.70	7425.60	13.4	122.0

Optimum Dry Density = 128.3 PCF Optimum Hoisture Content = 10.3 %



Fri Oct 09 09:43:56 1998

Page : 1

GEOTECHNICAL LABORATORY TEST DATA

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Depth :

Elevation :

Filename : PH-BOR

Boring No. : BULK

Test Date : 10/08/98

Tested by : J.H./R.T. Checked by : S. CAPPS

Test Hethod : ASTM D422/4318

Sample No. : PH-BOR Location : CDM-PH PROPERTIES

Soil Description : GRAYISH BROWN CLAYEY SAND WITH GRAVEL (SC)

Remarks :

		COA	RSE SIEVE SET		02403377975
Sieve	Sieve O		Weight	Cumulative	Percent
Mesh	Inches	Millimeters	Retained (gm)	Weight Retained (gm)	Finer (%)
********	*****	********	*******	**********	******
1.5*	1,500	38.10	0.00	0.00	100
1"	1.012	25.70	100.36	100.36	95
0.75*	0.748	19.00	79.33	179.69	90
0.5=	0.500	12.70	183.21	362.90	80
0.375"	0.374	9.51	104.70	467.60	74
44	0.187	4.75	225.40	693.00	62
#10	0.079	2.00	283.20	976.20	47
#16	0.047	1.19	129.00	1105.20	39
#30	0.023	0.60	120.20	1225.40	33
W50	0.012	0.30	109.30	1334.70	27
#100	0.006	0.15	90.60	1425.30	22
#200	0.003	0.07	77.00	1502.30	18

Total Dry Weight of Sample = 1826.2

D85 : 15.4441 mm D60 : 4.2362 mm 050 : 2.4251 mm D30 : 0.4236 mm D15 : N/A

D10 : N/A

Soil Classification

ASTM Group Symbol : SC ASTM Group Name : Clayey sand with gravel AASMTO Group Symbol : A-2-7(2)

AASHTO Group Name : Clayey Gravel and Sand

Thu Oct 29 15:52:02 1998

Page: 1

GEOTECHNICAL LABORATORY TEST DATA

Test Method : ASTM D422/4318

Project : GEOSYNTEC CONSULTANTS WL0197

Project No. : 951029NA

Filename: PH-BULK3

Elevation:

Boring No. : BULK

Test Date : 10/28/98

Tested by : C. WASON

Sample No. : PH-BULK-3

Location : CDM-PH PROPERTIES

Checked by : S. CAPPS

Soil Description : BROWN GRAVELLY CLAYEY SAND

Remarks :

COARSE SIEVE SET

		CON	war arrie ar.		
Sieve	Sieve O	penings	Weight	Cumulative	Percent
Mesh	Inches	Millimeters	Retained (gm)	Weight Retained (gm)	Finer (%)
******		*********	*******	***************************************	
1.5*	1.500	38.10	0.00	0.00	100
1"	1.012	25.70	27.92	27.92	98
0.75"	0.748	19.00	25.59	53.51	96
0.5"	0.500	12.70	34.84	88.35	94
0.375*	0.374	9.51	51.27	139.62	90
84	0.187	4.75	115.48	255.10	82
#10	0.079	2.00	145.90	401.00	72
#16	0.047	1.19	70.60	471.60	67
#30	0.023	0.60	68.60	540.20	62
#50	0.012	0.30	109,90	650.10	55
#100	0.006	0.15	186.50	836.60	41
#200	0.003	0.07	196.20	1032.80	28

Total Dry Weight of Sample = 1429.46

D85 : 6.0660 mm

060 : 0.4864 mm

D50 : 0.2328 mm

030 : 0.0830 mm

015 : N/A

010 : N/A

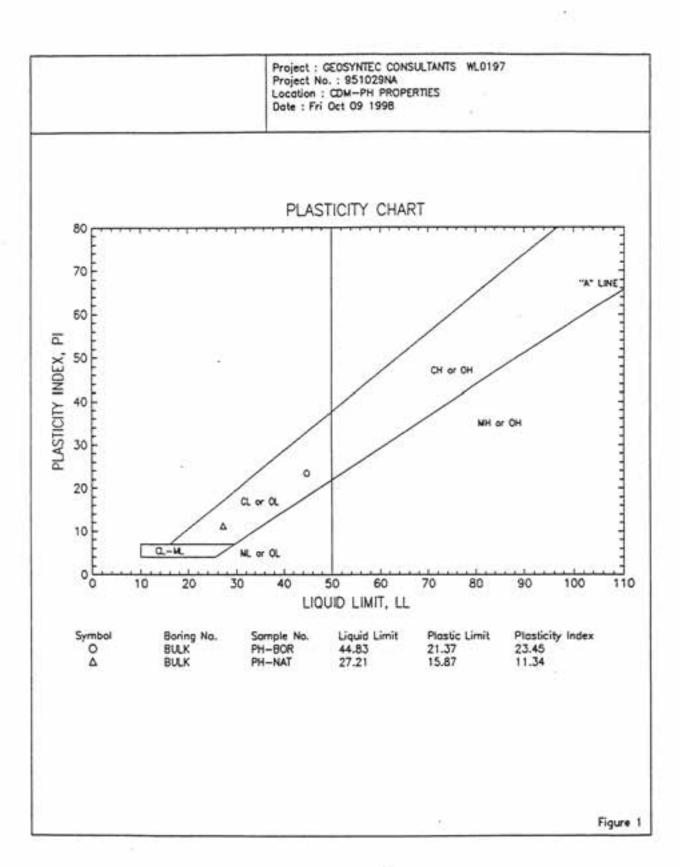
Soil Classification

ASTH Group Symbol : SC

ASTM Group Name : Clayey sand with gravel

AASHTO Group Symbol : A-2-4(0)

AASHTO Group Name : Silty Gravel and Sand



ATTERBERG LIMITS

PROJECT DEOSYNTEC CONSULTANTS WL0197	PROJECT N 951029NA	UMBER	J.H./R.T.	BORING N BULK	UNBER		
LOCATION COM-PH PROPERTIES	' -		CHECKED BY S. CAPPS	SAMPLE N PH-NAT	UMBER		
SAMPLE DESCRIPTION REDOISH BROWN CLAYEY SAND WITH CRAVEL (SC	2)		DATE Fri Oct 09 1998	FLENAME PH-NAT			
	LIQUID LIMIT	DETERMINAT	ONS	- 7	G		
CONTAINER NUMBER	α	88	80				
WT. WET SOIL + TARE	26.4	28.22	26.12				
WT. DRY SOIL + TARE	23.12	24.56	22.77				
WT. WATER	3.28	3.66	3.35				
TARE WT.	10.61	11.17	10.9				
WT. DRY SOIL	12.51	13.39	11.87				
WATER CONTENT, W. (%)	25.22	27.33	28.22				
NUMBER OF BLOWS, N	32	26	18				
ONE-POINT LIQUID LIMIT, LL	27.01	27.45	27.12				
	PLASTIC LIMIT	DETERMINA	TIONS				
CONTAINER NUMBER	23						
WT. WET SOIL + TARE	34						
WT. DRY SOL + TARE	31.48						
WT. WATER	2.52						
TARE WT.	15.6						
WT. DRY SOIL	15.88						
WATER CONTENT (%)	15.87						
			Silvings	OF RESULTS			
FLOW CUR	VE	NATI	JRAL WATER CONTENT,				
34.0			ID LINIT, LL	w (/w)	27.2		
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		7	IDITY INDEX, LIF		11.2		
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ATTERBERG LIMITS

PROJECT PROJECT NUMBER QEOSTNTEC CONSULTANTS WL0197 951029NA			J.H./R.T.	H./R.T. BULK HEDGED BY SAMPLE HUMBER			
PROPERTIES	CHECKED BY S. CAPPS						
DESCRIPTION BROWN CLAYEY SAND WITH GRAVEL (SI	c)		DATE Fri Oct 09 1998	FLENAME PH-BOR	C. Design Co. C. Co.		
	LIQUID LIMIT	DETERMINATIO	NS				
NER MUNBER	3	2	21	II			
T SOIL + TARE	27.6	26.96	27.7				
Y SOIL + TARE	22.54	22.21	22.55				
TER	5.06	4.75	5.15				
п.	10.89	11.65	11,45				
Y SOIL	11.65	10.56	11,1				
CONTENT, W, (%)	43.43	44,98	46.40				
R OF BLOWS, N	35	23	18				
OINT LIQUID LIMIT, LL	45.24	44.53	44,59		-		
	PLASTIC LIMI	T DETERMINATE	ONS				
NER NUMBER	6						
T SOIL + TARE	35.92						
Y SOIL + TARE	32.37				1		
TER	3.55			977-1			
π.	15.76						
Y SOIL	16,61						
CONTENT (%)	21.37				V =		
0,23 (2007) (2007)	332		SUNWARY	OF RESULTS	1		
FLOW CUF	SVE	NATU	RAL WATER CONTENT,	w (%)			
	-to a a acas	-	D LINIT, LL	-3-7	44.8		
		-	TIC LIMIT, PL		21,4		
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ATTERBERG LIMITS

PROJECT PROJECT NUMBER 951029HA			C. WASON BULK		
LOCATION COM-PH PROPERTIES		CHECKED BY S. CAPPS			
SAMPLE DESCRIPTION BROWN GRAVELLY CLAYEY SAND			DATE Thu Oct 29 1998	FLENAME PH-BULK	
	LIQUED LIMIT	DETERMINATION	NS		
CONTAINER MUNBER	00	12	-	78	
WT. WET SOL + TARE	25.02	25.25	25.27	25.12	
WT. DRY SOIL + TARE	21,95	22.14	22.13	21.86	
WT. WATER	3.07	3.11	3.14	3.26	
TARE WT.	10.69	10.95	11,11	10.79	
WT. DRY SOIL	11.26	11,18	11.02	11.07	
WATER CONTENT, W. (%)	27.26	27.82	28.49	29.45	
NUMBER OF BLOWS, N	32	27	23	17	
ONE-POINT LIQUID LIMIT, LL	28.09	28.08	28.21	28.11	
	PLASTIC LIM	T DETERMINATIO	INS		
CONTAINER NUMBER	48				
WT. WET SOIL + TARE	27.54				
WT. DRY SOL + TARE	25.62				
WT. WATER	1.92				
TARE WT.	16	-			
WT. DRY SOIL	9.62				
WATER CONTENT (%)	19.96				
			SUNMA	RY OF RESULTS	
35.0 FLOW CUF	RVE	NATU	RAL WATER CONTENT	, w (%)	
		- UQU	O LIMIT, LL		28.1
34.0		PLAS	TIC LIMIT, PL		20.0
		PLAS	TICITY INDEX, PI		8.2
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Attachment B

Compaction Testing Results, Existing Fill



GEOSYNTEC CONSULTANTS

DESCRIPTION: Exertion Becket CONTRACTOR Month 98 Ye
OCATION: Cupertine, CA PROJECT NO.: DOTAL DESCRIPTION: Exactly Bockfill CONTRACTOR: DESCRIPTION: Exactly Bockfill CONTRACTOR: DATE: 6 Day Nov Month 98 Ye WEATHER: Overcost & Cool; ~60°F D845 - Arrived site. Met Contractor - Clarence Clasuar (Performance Excounters) He said he is having lifticulties getting fill materials. They had
DAY OF WEEK: Friday DATE: Day Day WEATHER: Diesent i Col; ~60'F D845 · Arrived site. Met Contractor - Clarence Claver (Performance Excounters) He said he is having liffculties getting fill materials. They had
10845 - Arrived site. Met Contractor - Clarence Cleaver (Perturnance Excounters) He said he is having lifticulties getting fill materials. They had
Met Contractor - Clarence Cleaver (Vertermonce Exception) He soil he is heing lifticulties getting fill materials. They had
He said he is heing lifticulties getting tell materials.
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Tested placed materials -> Sea coporate short - all pass.
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Equipment: D5M-dozer - spreading
BIS - Compector
Weter Truck
1140 - Left site. Contractor howing difficulty getting material do
Compact - Slowly to ting site and compact-ge
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Travel Time = 134 to site
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Printed Name Signature

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J.	T NO: MA	LIFT THICKN	LNG.		42.4	
	PROJEC DATE:	/2" / NBC/	w	3	18.6	
tarties		ASTA D 698: A B C / ASTA D 1557: A B C (COCK ON) 28 7 43 COR. FACT	FIEL	(PCF)		
		NSE / CLA	Livia .		15.6	9
Sommon	Canto	MATERIAL TYPE: (FL) / SUBGRADE / SUBBASE / CLAY / OTHER: (CORCLE ONE) MOISTURE RANGE: Dot 12% ASTA D 698: (CORCLE ONE) TY (OFF - 3 430 NUCLEAR GAUGE SERIAL NO. 2874	LAB RESULTS	(PCF)	£.62]	
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7.7	Results
McDonald Dorsa Restoration	ummary of Moisture and Relative Compaction I
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10% 10% 134 10.9% 420	Test No.	~	2	W	7	N	0	4	00	6	?	.:	12
10% 134 10.9% 420	Location		042	DM-3	MAY	NY-5	9-40	TWO	11.8	14.9	JM 10	DV4-11	MA
134 10.9% 420	Optimum Moisture	10%	%01	%0	10%	10%	20%	10%	10%	9,0	%0/	10%	10%
12.9% 12.0 14.20	Maximum Density		134	134	134	134	134	134	134	134	134	13%	134
420	% Moisture	12.9%	11.9%	121%	13.0%	% 01	11.5%	11.3%	11.2%	1.1%	11.8%	%//	13%
420	% Rel. Comp.	10.5%	% 66	92696	97.6%	%16	846	94.2%	94.5%	92.2%	95.8%	8.96	92%
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Test No.	13	14	18	16	17	8/	61	20	21	22	23	24
Location	04-13	DM-13 DM-14 DMIS	SIM	MISS	DIM-16	11-17	81-MZ	DM-H	DW-30	IE-MO	DV-22	DAZ
Optimum Moisture	%0/	%.0/	%01 %.01	%0/	10%	10%	%01	10.01	19,01 9,01 9,01 9,01	%01	10%	%01
Maximum Density	134		134 134	134	134	134	134	134	134	73.	134 1	134
% Moisture	13.9	1.0/	/3.0	19.1	1.3	1.01	1.1	11.5	11.7	11.3	12.3	100
% Rel. Comp.	90	93.8	93.8 87.3	93.8		946		1.16	98.5	97.1	93	93.5
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Test No.	25	56	27	28	50	30	31	32	33	34	35	36
Location	M-24	11/2S	De-MC	E-MO	DW-28	PK-29	DW.3	Jet M	CENT.	DM-33	DN 34	DM-38
Optimum Moisture	" 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	%01	%01	%0/	%01	10%	10%	10%	10%	10%	100	10%
Maximum Density	134	134	150	法	あ	/34	134	134	134	134	134	134
% Moisture	1/9	1.7	11.9	J. 2	1.5	12.7	12.3	1.0/	14.4	1/.8	12.1	120
% Rel. Comp.	945	96.9	95	96.3	345	92	46	46	9.06	945	93.8	91.2
	434	435	435	434	436	436	427	437	435	436	436	437

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Test No.	37	38	39	40	14	42	43	42 43 44	45	46	84 46 44 48	85
Location	DW-36	DW-34	DM-38	12.16	DH-HO	JA-MC	C4-10	X1-43	DMY	174.45	24 M	DAY47
Optimum Moisture	%9/	%0/	%0	10%	9,01 7,01 9,01 9,01 9,01 9,01 9,01 9,01 9,01 9	10%	10%	10,0	10%	10%	10%	10%
Maximum Density	134	134	134	134	134	134	13	134	134	134	134	134
% Moisture	11.9	13.2	12.7	13	14	13.2	11.7	10.6	8.0/	11.3	11.5	1.7
% Rel. Comp.	de	903	93.3	93	40.4	93.2	8.96	8.76	93.2	6.96	95	66
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Test No.	49	50	2	52	53	24	SS	29	57	58	53	60
Location	DM-48	6h-MQ	DM-SI	15-10	DW-52	JM-53	1343	NW 55	25/1/2	DM-57	DW-578	DNS
Optimum Moisture	%9/	%0/	% 01	%01	%0/	%01	10%	10%	2%	10%	% 0	10%
Maximum Density	134	134	134	134	134	1/24	134	134	150	134	134	134
% Moisture	12.1	0	12.3	11.4	11.9	13.3	1.0	11.7	6	12.6	B	/3
% Rel. Comp.	26	98.5	92.3	4.79	95.1	93.2	94.5	96.2	93	83	93.2	91.2
	448 449 460 458 462 451 448 447 445 443 442 448	449	460	458	462	121	844	thh	Shh	443	442	844

McDonald Dorsa Restoration Summary of Moisture and Relative Compaction Results

Date	761	7/24	7/2b	te/t	1/97	£9/£	76/4 76/4 76/4 76/4 76/4 76/4 36/4 26/4	7/27	764		80/2 80/2	7/28
Test No.	19	62	63	64	65	00	67	89	00	2	14	72
Location	DW 59	DW-66	N-MO	DW-62	046	49-110	04-65	74-66	14-67	DV-8	MG	DM-72
Optimum Moisture	%.01	%.0/	%0/	%01	1,01	10%	1.01 201 201 201 201 201 201 101 101 101 1	10%	10%	10%	67	%,0
Maximum Density	1561	134	134	134	134	134	134	134	134	134	134	134
% Moisture	7	11.4	1.7	12	4.01	9	1.7	10.7	0/	10.9	/3	11.2
% Rel. Comp.	93	4.76	94.2	93.2	90.3	8.%	93.5	46	95.7	1:16	93	46
	944	445	442	HAS	:452	.453	Shh "	hhh	lhh	944	184	450

McDonald Dorsa Restoration
Summary of Moisture and Relative Compaction Results

Date	7/28	PC/4 BC/4 85/4	6¢/±	80/2 60/2 60/2	129	1/29		
Test No.	43	44	75	76	77	78		
Location	M-71 M-73 M-73 M-74 M-75 M-75	74-72	D#73	N4-74	DM-75	24.40	2.	
Optimum Moisture		2%	2%	2%	8% 8% 8%	2%		
Maximum Density	134	150	150	05/ 05/ 05/ 05/ 05/	150	051		
% Moisture	10.5%	10.51 67	70%	6.9%	6.2%	1.5.9 92.9		
% Rel. Comp.	1,20	96 %Eb %tb	9.96	% 953%	W. T. S	16.18 45.8%		

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PARKSIDE TRAILS CUPERTINO, CALIFORNIA

Xpect Excellence

Submitted to:

Mr. Craig Champion Standard Pacific Homes 3825 Hopyard Road, Suite 275 Pleasanton, CA 94588

Prepared by: ENGEO Incorporated

February 22, 2013

Project No: 10014.000.000

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Project No. **10014.000.000**

Exp. 7/31/2013

February 22, 2013

Mr. Craig Champion Standard Pacific Homes 3825 Hopyard Road, Suite 275 Pleasanton, CA 94588

Subject: Parkside Trails – 9-Acre Site

Cupertino, California

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Champion:

ENGEO is pleased to present our phase I environmental site assessment of the subject property, (Property) located in Cupertino, California. The attached report includes a description of the site assessment activities, along with ENGEO's findings, opinions, and conclusions regarding the Property.

ENGEO has the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Property, and has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. We declare that, to the best of our professional knowledge and belief, the responsible charge for this study meets the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312 and ASTM 1527-05.

We are pleased to be of service to you on this project. If you have any questions concerning the contents of our report, please contact us.

Brian Flaherty, CEG, CHG

Sincerely,

ENGEO Incorporated

Julia Kelson

Jennifer R. Botelho, CEG

jk/bf/jrb/jf:esa

TABLE OF CONTENTS

Letter of Transmittal

			<u>Page</u>
EXI	ECU'	TIVE SUMMARY	1
1.0	INT	TRODUCTION	3
	1.1 1.2	PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT DETAILED SCOPE OF SERVICES	3
	1.3	LIMITATIONS AND EXCEPTIONS OF ASSESSMENT	
• •	1.4	SPECIAL TERMS AND CONDITIONS	
2.0	PRO	OPERTY INFORMATION	
	2.1	SITE LOCATION	
	2.2 2.3	SITE AND VICINITY CHARACTERISTICSCURRENT USE OF PROPERTY/DESCRIPTION OF SITE	5
	2.3	IMPROVEMENTS	5
	2.4	CURRENT USE OF ADJOINING PROPERTIES	5
3.0	RE	CORDS REVIEW	6
	3.1	PREVIOUS ENVIRONMENTAL REPORTS	6
	3.2	PROPERTY RECORDS	
		3.2.1 Title Report/Ownership	
	3.3	HISTORICAL RECORD SOURCES	
		3.3.1 Historical Topographic Maps	
		3.3.2 Aerial Photographs	
		3.3.3 Fire Insurance Maps	
		3.3.5 Government Agencies	
	3.4	ENVIRONMENTAL RECORD SOURCES	
		3.4.1 Federal ASTM Standard/Supplemental Sources	
		3.4.1.1 Subject Property	
		3.4.1.2 Other Properties	12
		3.4.2 State ASTM Standard/Supplemental Sources	
		3.4.2.1 Subject Property	
		3.4.2.2 Other Properties	
		3.4.3 Local ASTM Supplemental Sources	
		3.4.3.1 Subject Property	
4.0	O.T.	3.4.3.2 Other Properties	
4.0	SIT	TE RECONNAISSANCE	
	4.1	METHODOLOGY	
	4.2	GENERAL SITE SETTING	13



TABLE OF CONTENTS (Continued)

	4.3 EXTERIOR OBSERVATIONS	3
	4.4 ASBESTOS-CONTAINING MATERIALS AND LEAD-BASED PAINT1	
	4.5 INDOOR AIR QUALITY	.5
5.0	INTERVIEWS1	5
6.0	FINDINGS1	6
7.0	OPINIONS AND DATA GAPS1	6
8.0	CONCLUSIONS1	6
	FERENCES	
FIG	URES	
AP	PENDIX A – Environmental Data Resources, Inc., Radius Map Report	
API	PENDIX B – Environmental Data Resources, Inc., Sanborn Map Report	
AP	PENDIX C – Environmental Data Resources, Inc., Historical Topographic Map Report	
AP	PENDIX D – First American Title, Preliminary Title Report	
AP	PENDIX E – Environmental Data Resources, Inc., Aerial Photo Decade Package	
APl	PENDIX F – Environmental Data Resources, Inc., City Directory	
AP	PENDIX G – Environmental Data Site Assessment Questionnaires	
	PENDIX H – Qualification(s) of Environmental Professional(s)	



ENGEO conducted a phase I environmental site assessment for the property located between Stevens Canyon Road and Canyon Vista Court in Cupertino, California (Property). The Property is approximately 9 acres in area and is identified by Assessor's Parcel Number (APN) 351-10-043.

The Property consists of an access road that traverses the site from Stevens Canyon Road to the west to a former creek crossing located near the southeastern portion of the site. The original topography of the site has been modified from grading of the access road and installation of a City storm drain line and related staging areas. The west corner of the Property appears to be an orchard; the remainder of the Property is undeveloped. Review of historical records indicates that the Property has previously been used as an orchard (western portion) and for farming (eastern portion). It does not appear that there have been permanent structures on the Property.

This assessment included a review of local, state, tribal, and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources. A reconnaissance of the Property was conducted to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials and interviews with persons knowledgeable about current and past site use.

The site reconnaissance and records review found documentation and physical evidence of possible soil impairments associated with the use of the Property; the site was previously used for agriculture, and there was an undocumented landfill onsite. A review of regulatory databases maintained by county, state, tribal, and federal agencies found no documentation of hazardous materials violations or discharge on the Property and did not identify contaminated facilities within the appropriate American Society for Testing and Materials (ASTM) search distances that would reasonably be expected to impact the Property.

Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below:

- Historical aerial photographs indicate that the Property has been used for agriculture in the past.
 It is conceivable that the residual levels of persistent pesticides may remain in surface soils. We suggest than an agrichemical impact assessment be considered for the Property.
- Previous reports and information from our reconnaissance indicate that a portion of the Property
 has been used as landfill in the past. The City of Cupertino retained Camp Dresser, McKee
 (CDM) to develop a Remedial Action Plan to clean up the landfill. Dames and Moore
 documented the removal of the landfill debris and restoration of the site. The Santa Clara
 County Department of Environmental Health approved the City of Cupertino's remediation plan
 for the removal of the landfill materials. The Regional Water Quality Control Board (RWQCB)



provided a conditional concurrence that a groundwater investigation was not needed. However, at the completion of the landfill removal CDM requested that the Santa Clara County Department of Environmental Health issue a concurrence that the non-native landfill materials had ben satisfactorily removed. A concurrence has not yet been received from the Department. If this documentation becomes available, it should be reviewed to provide that the information is sufficient to recommend that no further action is needed. Without the documentation that the County has concurred that the landfill has been properly remediated, it may be prudent to consider soil and groundwater sampling and laboratory testing to confirm that the Property has not been impacted by the landfill.

ENGEO has performed a phase I environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 "Standard Practice for Environmental Site Assessments" and USEPA "Standards and Practices for All Appropriate Inquires", 40 CFR Part 312. Based on the findings of this assessment, ENGEO recommends a phase II environmental site assessment with agrichemical testing in the former orchards and agricultural areas of the site. Soil and groundwater testing to confirm that the landfill materials have been properly remediated may be prudent without final documentation from the County approving the 1999 landfill remediation.



1.0 INTRODUCTION

ENGEO conducted a phase I environmental site assessment for the Property located off of Stevens Canyon Road in Cupertino, California (Figure 1). The approximately 9-acre Property is identified as the northern portion of APN 351-10-043 (Figure 2) and is currently occupied by an unmaintained road, an unmaintained orchard and undeveloped land.

1.1 PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment was performed at the request of Standard Pacific Homes for the purpose of environmental due diligence during Property acquisition. The objective of this phase I environmental site assessment is to identify recognized environmental conditions associated with the Property. As defined in the ASTM Standard Practice E 1527-05, a REC is "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".

1.2 DETAILED SCOPE OF SERVICES

The scope of services performed included the following:

- A review of publicly available and practically reviewable standard local, state, tribal, and federal environmental record sources.
- A review of publicly available and practically reviewable standard historical sources, aerial photographs, fire insurance maps and physical setting sources.
- A reconnaissance of the Property to review site use and current conditions. The reconnaissance
 was conducted to check for the storage, use, production or disposal of hazardous or potentially
 hazardous materials.
- Interviews with owners/occupants and public sector officials.
- Preparation of this report with our findings, opinions, and conclusions.

1.3 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

The professional staff at ENGEO strives to perform its services in a proper and professional manner with reasonable care and competence but is not infallible. The recommendations and conclusions presented in this report were based on the findings of our study, which were developed solely from the contracted services. The findings of the report are based in part on contracted database research, out-of-house reports and personal communications. The opinions formed by ENGEO are based on the assumed accuracy of the relied upon data in conjunction



with our relevant professional experience related to such data interpretation. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

This document must not be subject to unauthorized reuse; that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the document's applicability given new circumstances, not the least of which is passage of time. The findings from a phase I environmental site assessment are valid for one year after completion of the report. Updates of portions of the assessment may be necessary after a period of 180 days after completion.

This phase I environmental site assessment is not intended to represent a complete soil or groundwater characterization, nor define the depth or extent of soil or groundwater contamination. It is intended to provide an evaluation of potential environmental concerns associated with the use of the Property. A more extensive assessment that would include a subsurface exploration with laboratory testing of soil and groundwater samples could provide more definitive information concerning site-specific conditions. If additional assessment activities are considered for the Property and if other entities are retained to provide such services, ENGEO cannot be held responsible for any and all claims arising from or resulting from the performance of such services by other persons or entities. ENGEO can also not be held responsible from any and all claims arising or resulting from clarifications, adjustments, modifications, discrepancies or other changes necessary to reflect changed field or other conditions.

1.4 SPECIAL TERMS AND CONDITIONS

ENGEO has prepared this report for the exclusive use of our client, Standard Pacific Homes. It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to a third party and for remedial or mitigative action shall be solely that of the Client.

Laboratory testing of soil or groundwater samples was not within the scope of the contracted services. The assessment did not include an asbestos survey, an evaluation of lead-based paint, an inspection of light ballasts for polychlorinated biphenyls (PCBs), a radon evaluation, or a mold survey.

This report is based upon field and other conditions discovered at the time of preparation of ENGEO's assessment. Visual observations referenced in this report are intended only to represent conditions at the time of the reconnaissance. ENGEO would not be aware of site contamination, such as dumping and/or accidental spillage that occurred subsequent to the reconnaissance conducted by ENGEO personnel.



2.0 PROPERTY INFORMATION

2.1 SITE LOCATION

The Property is located off of Stevens Canyon Road, in Cupertino, California (Figure 1). The approximately 9-acre Property is identified as the northern portion of APN 351-10-043 (Figure 2).

2.2 SITE AND VICINITY CHARACTERISTICS

Review of published topographic maps found that the Property ranges in elevation from approximately 470 feet above mean sea level (msl) on the terrace to approximately 360 feet above msl near Stevens Creek. Review of the Geologic Map of the Cupertino and San Jose West Quadrangles found that the Property is underlain by Qoa, which is described as older alluvial terrace gravel, sand, and clay.

Geocheck – Physical Setting Source Summary of the Environmental Resources Data report (Appendix A) indicated no Federal United States Geological Survey (USGS) wells located within one mile of the Property. The Physical Setting Source Summary also provided hydrogeologic information for use as an indicator of groundwater flow direction in the immediate area. This section indicated one well approximately 0.5-1 miles north of the Property.

The site-specific depth to groundwater and direction of groundwater flow was not determined as part of this assessment. Fluctuations in groundwater levels may occur seasonally and over a period of years due to variations in precipitation, temperature, irrigation and other factors.

We reviewed the Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) web site and map database to determine if any historic oil and/or gas wells were located within the Property. No wells were mapped within 1-mile of the Property.

2.3 CURRENT USE OF PROPERTY/DESCRIPTION OF SITE IMPROVEMENTS

The Property is currently undeveloped except for an unmaintained, paved road. An orchard remains in place in the western corner of the site, but appears neglected and uncultivated.

2.4 CURRENT USE OF ADJOINING PROPERTIES

The Property is surrounded by residential developments to the north and to the east. The southern edge of the Property is adjacent to Stevens Creek and open space. The western edge of the Property is adjacent to Stevens Canyon Road.



3.0 RECORDS REVIEW

3.1 PREVIOUS ENVIRONMENTAL REPORTS

In 1999, Dames & Moore performed a phase I environmental site assessment update for the McDonald Dorsa Property. The McDonald Dorsa Property discussed in the Dames & Moore report is approximately 130 acres and includes the 9-acre Property discussed in this report. We reviewed the update of the Dames & Moore report dated November 1999. Dames & Moore reported the following historical environmental conditions for the portion of the site that makes up the Property:

• Approximately 1 acre of the site was formerly used as an unregistered landfill. Remediation of the landfill was accomplished by the City of Cupertino in 1998-1999.

In 1999, Dames & Moore completed a Site Restoration Report for the McDonald Dorsa Property. The restoration report discusses the placement of engineered fill in the drainage that was previously filled with unregistered landfill material. In October 1998, approximately 1,500 cubic yards of import fill was placed as engineered fill. In July 1999, restoration activities recommenced and the site was re-graded to its approximate post-landfill grade and configuration. A total of approximately 20,000 cubic yards of fill were placed to meet prior grade. The report concludes that the former unregistered landfill had been properly excavated and disposed of, and that the restoration was satisfactorily completed.

Camp, Dresser & McKee acted as a consultant to the City of Cupertino to accomplish the remediation of the unregistered landfill. Camp Dresser & McKee published a Report for Approval to Initiate Site Restoration Activities in 1998 and a Final Removal Action Report in 1999. At the time of publishing, we were unable to locate the Camp Dresser & McKee reports for review.

3.2 PROPERTY RECORDS

3.2.1 Title Report/Ownership

The Title Report lists recorded land title detail, ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against a subject property. Laws and regulations pertaining to land trusts vary from state to state and the detail of information presented in a Title Report can vary greatly by jurisdiction. As a result, ENGEO utilizes a Title Report, when provided to us, as a supplement to other historical record sources.

A Preliminary Title Report for the Property, prepared by First American Title Company and dated January 29, 2013, was provided for our review. The Property title is vested in Parkside Trails, LLC, a California Limited Liability Company. No references to environmental liens, deed restrictions or other potential environmental issues were noted. This report is included in Appendix D.



3.3 HISTORICAL RECORD SOURCES

The purpose of the historical record review is to develop a history of the previous uses or occupancies of the Property and surrounding area in order to identify those uses or occupancies that are likely to have led to recognized environmental conditions on the Property.

3.3.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to determine if discernible changes in topography or improvements pertaining to the Property had been recorded. The following maps were provided to us through an EDR Historical Topographic Map Report, presented in Appendix C.

TABLE 3.3.1-1 Historical Topographic Maps

Quad	Year	Series	Scale
Palo Alto	1899	15	1:62500
Santa Cruz	1902	30	1:125000
Palo Alto	1943	15	1:62500
Palo Alto	1947	15	1:50000
Palo Alto	1948	15	1:62500
Cupertino	1953	7.5	1:24000
Palo Alto	1961	15	1:62500
Cupertino	1961	7.5	1:24000
Cupertino	1968	7.5	1:24000
Cupertino	1973	7.5	1:24000
Cupertino	1980	7.5	1:24000
Cupertino	1991	7.5	1:24000

<u>1899 Map</u> – The 1899 topographical map shows the Property as undeveloped. A road is mapped at the approximate location of what is currently Stevens Canyon Road. The surrounding land is also undeveloped.

<u>1902 Map</u> – The 1902 topographical map shows the Property and surrounding land as before. There is one structure mapped on the northeast corner of the site at the approximate location of the current homes on the east end of Ricardo Road. The City of Cupertino is mapped north of the Property.

<u>1943 Map</u> – The 1943 topographical map shows the Property as undeveloped, as before. A road and structures in the approximate location of what is currently Ricardo Road are mapped. Stevens Creek, which is on the southern boundary of the Property, is mapped, as is another



drainage that cuts across the Property from the northwest corner and drains into Stevens Creek. Stevens Creek Reservoir, south of the Property, is mapped.

<u>1947 and 1948 Maps</u> – The 1947 and 1948 topographical maps show that the Property is undeveloped as before. Ricardo Road and the associated structures are not mapped. Stevens Creek and the other drainage on the Property are not mapped. Stevens Creek Reservoir is mapped south of the site.

<u>1953 Maps</u> – The 1953 topographical map shows that the Property is mostly undeveloped. Two structures are mapped on the terrace in the southwest portion of the site. Stevens Creek is mapped. Stevens Canyon Road and Ricardo Road and structures near the road are mapped along with a gravel pit east of the site.

1961 and 1968 Maps – The 1961 and 1968 topographical maps show that the Property is mostly undeveloped. Three structures are mapped on the terrace in the southwest portion of the site. An unnamed road is mapped that cuts through the site, crossing Stevens Creek, leading to a gravel pit southeast of the site. Another unnamed road runs along the west side of site from Stevens Canyon Road toward Stevens Creek Reservoir. Six structures are mapped southwest of the unnamed road. A USGS gauging station is mapped in Stevens Creek just west of the site. Stevens Canyon Road, Ricardo Road, and Stevens Creek Reservoir are mapped as before.

<u>1968, 1973, and 1980 Maps</u> – The 1968, 1973 and 1980 topographical maps show the Property as mostly undeveloped, and the surrounding roads and lots as in the 1961 maps. A power transmission line is added that runs south of the Property.

<u>1991 Maps</u> – The 1991 topographical map shows the Property as mostly undeveloped as before. The structures on the terrace in the southwest portion of the site are no longer mapped. The gravel pit southeast of the site is no longer mapped. The road that led to the gravel pit now ends before crossing Stevens Creek. The land south of the Property is mapped as County park.

3.3.2 Aerial Photographs

The following aerial photographs, provided by EDR, were reviewed for information regarding past conditions and land use at the Property and in the immediate vicinity. These photographs are presented in Appendix E.



TABLE 3.3.2-1Aerial Photographs

Flyer	Year	Scale
Fairchild	1939	1" = 500'
USGS	1948	1" = 500'
Aero	1956	1" = 500'
USGS	1968	1" = 500'
USGS	1974	1" = 500'
USGS	1982	1" = 500'
EDR	1991	1" = 500'
WAC	1999	1" = 500'
EDR	2005	1" = 500'
EDR	2006	1" = 500'
EDR	2009	1" = 500'
EDR	2010	1" = 500'

<u>1939 Photograph</u> – The Property appears to be used primarily for agriculture. An unnamed, incised drainage runs from the northwest corner of the Property to the approximate south center of the Property, where it drains into Stevens Creek. The land north of the Property appears to be used mainly for domestic agriculture and has scattered small residential structures. The land east of the Property is vacant. Stevens Creek is immediately south of the Property. Stevens Canyon Road is immediately west of the Property. The land south of Stevens Canyon Road is agricultural, and north of the road is vacant.

<u>1948 Photograph</u> – In the 1948 photograph, it appears that the agriculture on the Property is no longer well maintained. Several trails appear that cross the site. A residential structure appears immediately southwest of the site.

<u>1956 Photograph</u> – A road appears that branches from Stevens Canyon Road in the northwest corner of the site, curves around a natural bowl, and runs to the southeast corner of the site. Fill material has been placed to construct the road. The western end of the site appears to be used as an orchard; there are several trees planted neatly in rows.

1968 Photograph – Additional fill material has been placed adjacent to the road in the interior of the bend, especially on the western half. The orchard trees on the western portion of the site have matured. The vegetation on the northern portion of the site appears to be decreased. An additional residential structure appears northwest of the site. The residential structures on the northern edge of the Property appear to be more developed, with little to no agricultural land between them.



<u>1974 Photograph</u> – There may be some minor placement of fill material in the unnamed drainage where the drainage meets with the road. Changes are hard to observe in this photograph due to poor resolution.

<u>1982 Photograph</u> - The unnamed drainage has been filled with soil material. Additional fill material also appears in the interior bend of the road. Residential development appears immediately east of the Property. A row of oak trees appears that starts from the northwest corner of the site and runs adjacent to the road in the center of the site.

<u>1991 Photograph</u> – The orchard on the west end of the Property appears to be in disrepair. Shrubs appear intermixed with the orchards, and several trails appear that cross the orchard. Additional fill material is evident in the interior bend of the road, and the fill material begins to be covered with vegetation. The previously filled unnamed drainage area is covered with short vegetation. A portion of the areas southwest of the Property is developed as a strip of asphalt pavement.

<u>1999 Photograph</u> – Several unpaved roads appear throughout the northern and central portion of the site. A white structure, possibly a truck, appears parked in one of the roads. The main, paved road appears to no longer continue across Stevens Creek; the road on the other side of the creek is no longer maintained. More oak trees appear adjacent to the road near the center of the site.

<u>2005 Photograph</u> – The main road appears to be no longer maintained; it has accrued some soil coverage. Two trucks appear to be parked in the unpaved roads near the center of the site.

<u>2006, 2009, and 2010 Photographs</u> – The unpaved roads have developed into a more pronounced turnaround. A truck appears parked in the turnaround.

3.3.3 Fire Insurance Maps

EDR prepared a Sanborn Fire insurance map search for the Property and surrounding properties. EDR reported that no maps were available for the Property and surrounding properties.

3.3.4 City Directory

City Directories, published since the 18th century for major towns and cities, lists the name of the resident or business associated with each address. A city directory search conducted by EDR is located in Appendix F.

3.3.5 Government Agencies

The following agencies were contacted pertaining to possible past development and/or activity at the Property.



- City of Cupertino Building and Planning Departments
- Santa Clara County Department of Environmental Health
- Santa Clara County Fire Department
- Santa Clara County, Office of the Assessor
- Santa Clara Valley Water District
- Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR)
- California Regional Water Quality Control Board
- Department of Toxic Substances Control

City of Cupertino Building and Planning Departments. The City of Cupertino's Building and Planning Departments were contacted regarding files for the Property. The Building Department was not able to locate information on the Property. The Planning Department indicated that there had been an application filed in 2002-2003 to construct a school onsite, but the application was withdrawn. The Planning Department indicated that they may be able to provide past environmental documents, however at the time of publication we had not yet received this additional information.

<u>Santa Clara County Department of Environmental Health.</u> The Santa Clara County Department of Environmental Health was contacted regarding files relating to environmental activities on site, especially the Camp Dresser & McKee reports that discuss the earlier landfill. At the time of publishing, we had not received any documents from the SCCDEH officials.

<u>Santa Clara County Fire Department</u>. The Santa Clara County Fire Department was contacted regarding files for the Property. A representative from the fire department indicated that files are maintained only for properties with physical addresses. Since this Property does not have an associated address, the fire department has no files on record.

<u>Santa Clara County, Office of the Assessor.</u> The Office of the Assessor's online database was used to confirm the Assessor's Parcel Number and physical addresses for the Property. The only physical address for the Property is "Stevens Canyon Rd."

<u>Santa Clara Valley Water District</u>. The Santa Clara Valley Water District (SCVWD) was contacted regarding well information or other public files they may have for the site. A representative said that the SCVWD was no longer the lead agency for solvent and underground storage tank contamination files, or for information on wells.

<u>Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR).</u> The DOGGR online database was reviewed for the Property. No oil or geothermal producing wells are located within the Property.

We reviewed the GeoTracker Database maintained by the State Water Resources Control Board (SWRCB) to identify ongoing environmental site assessment and remedial activities in the immediate vicinity of the Property. The GeoTracker Database did not identify sites in the immediate vicinity of the Property.



We reviewed the EnviroStor Database maintained by the Department of Toxic Substances Control (DTSC) to identify ongoing environmental site assessment and remedial activities in the immediate vicinity of the Property. The EnviroStor database did not identify sites in the immediate vicinity of the Property.

3.4 ENVIRONMENTAL RECORD SOURCES

EDR performed a search of federal, tribal, state, and local databases regarding the Property and nearby properties. Details regarding the databases searched by EDR are provided in Appendix A. A list of the facilities documented by EDR within the approximate minimum search distance of the Property is provided below:

3.4.1 Federal ASTM Standard/Supplemental Sources

3.4.1.1 Subject Property

The Property is not listed on the Federal ASTM Standard or supplemental sources.

3.4.1.2 Other Properties

No facilities were listed on the Federal ASTM Standard or supplemental sources.

3.4.2 State ASTM Standard/Supplemental Sources

3.4.2.1 Subject Property

The Property is not listed on the State ASTM Standard or supplemental sources.

3.4.2.2 Other Properties

The following database includes facilities listed within the appropriate ASTM search distances of the Property on State ASTM Standard or supplemental sources.

CERCLIS

Blackberry Farm Play Area

21979 San Fernando Drive

• VCP – The Voluntary Cleanup Program List Blackberry Farm Play Area

21979 San Fernando Drive

The Blackberry Farm Play Area, Facility ID 60001205, is located about 0.839 mile northeast of the Property. In May 2009, approximately 72 cubic yards of soil was excavated to address potential concerns due to previous agricultural use of the property. The Soil Removal Completion Report determined that the area is now suitable for unrestricted use. Because no further action has been recommended for this case and because of its distance from the Property, it is not considered an environmental risk for the Property.



3.4.3 Local ASTM Supplemental Sources

3.4.3.1 Subject Property

The Property is not listed on Local ASTM supplemental databases.

3.4.3.2 Other Properties

• <u>HAZNET</u> Blackberry Farm Play Area

21979 San Fernando Drive

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that the above-stated database sites pose an environmental risk to the Property. Properties that are on the "Orphan Summary" list appear to be located beyond the ASTM recommended radius search criteria.

4.0 SITE RECONNAISSANCE

4.1 METHODOLOGY

ENGEO conducted a reconnaissance of the Property on February 13, 2013. The Property was viewed for hazardous materials storage, superficial staining or discoloration, debris, stressed vegetation, or other conditions that may be indicative of potential sources of soil or groundwater contamination. The site was also checked for evidence of fill/ventilation pipes, ground subsidence, or other evidence of existing or preexisting underground storage tanks. Portions of the site were covered in dense vegetation and were difficult to observe. Photographs taken during the site reconnaissance are presented in Figure 3.

4.2 GENERAL SITE SETTING

The site is located north of Steven Creek near the hill front along the southwest side of Santa Clara Valley in Cupertino, California (Figure 1). An access road traverses the site from Stevens Canyon Road on the west to a former creek crossing located near the southeastern portion of the site (Figure 2). The original topography of the site has been modified by agricultural activities, grading of the access road, filling of a former steeply incised drainage and installation of a City of Cupertino storm drain line.

4.3 EXTERIOR OBSERVATIONS

Structures. No structures were observed during the site reconnaissance.

<u>Hazardous Substances and Petroleum Products in Connection with Identified Uses.</u> No hazardous substances or petroleum products were observed within the Property during the reconnaissance.



<u>Storage Tanks</u>. No above-ground storage tanks or evidence of existing underground storage tanks was observed during the site reconnaissance.

<u>Odors</u>. No odors indicative of hazardous materials or petroleum material impacts were noted at the time of the reconnaissance.

<u>Pools of Potentially Hazardous Liquid</u>. No pools of potentially hazardous liquid were observed within the Property at the time of the reconnaissance.

<u>Drums</u>. No drums were observed on the Property at the time of the reconnaissance.

<u>Hazardous Substance and Petroleum Product Containers</u>. No hazardous substance or petroleum product containers were observed on the Property at the time of the reconnaissance.

<u>Polychlorinated Biphenyls (PCBs)</u>. No PCB-containing materials, including transformers, were observed within the Property during the reconnaissance.

<u>Pits, Ponds and Lagoons</u>. No pits, ponds or lagoons were observed within the Property at the time of the reconnaissance.

<u>Stained Soil/Pavement</u>. No stained soil or pavement was observed within the Property at the time of the reconnaissance.

<u>Stressed Vegetation</u>. No signs of stressed vegetation were observed on the Property at the time of the reconnaissance.

<u>Solid Waste/Debris</u> Scattered solid waste/debris was observed within the Property during the reconnaissance. The debris consisted of various construction debris, discarded wood and metal, what appears to be the back of a rusted pick-up truck, and what appears to be an old demolished bathroom, including pipes, a toilet seat, and wooden boards. We also observed artificial fill material associated with construction of the roads on the Property. Artificial fill material was noted in what used to be a drainage that ran from the northeast corner and drained into Stevens Creek.

<u>Wastewater</u>. No wastewater conveyance systems were observed at the Property during the reconnaissance.

Wells. No wells were found within the Property during the reconnaissance.

Septic Systems. No septic systems were found within the Property during the reconnaissance.



4.4 ASBESTOS-CONTAINING MATERIALS AND LEAD-BASED PAINT

An asbestos and lead-based paint survey was not conducted as part of this assessment No structures are currently located on the Property.

4.5 INDOOR AIR QUALITY

An evaluation of indoor air quality, mold, or radon was not included as part of the contracted scope of services. The California Department of Health Services has conducted studies of radon risks throughout the state, sorted by zip code. Results of the studies indicate that 47 tests were conducted within the Property zip code, with no tests exceeding the current EPA action level of 4 picocuries per liter [pCi/L]¹).

In accordance with ASTM E2600-10 (Tier 1) (Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions); There are no potential petroleum hydrocarbon sources for vapor intrusion within 1/10 mile of the Property or volatile organic compound (VOCs) sources within 1/3 mile of the Property.

5.0 INTERVIEWS

Mr. Charles M. Corbalis, a representative from Parkside Trails, LLC completed an environmental site assessment questionnaire pertaining to user-related applicable environmental information regarding the Property. In the questionnaire, Mr. Corbalis identified the information about potential environmental issues with the Property that were mentioned in the Dames Moore report. The questionnaire is presented in its entirety in Appendix G.

During our reconnaissance, we had the opportunity to interview Mr. Jim Guidotti, who has been a resident of an adjacent property on Ricardo Road since 1942. Mr. Guidotti provided a first-person history of environmentally related activities and uses pertaining to the Property. Mr. Guidotti said that when he moved to the property, the site was used as a vineyard and as a walnut orchard. A wagon road cut across the site. There was artificial fill associated with the construction of the wagon road. Mr. Guidotti said that the existing road, which is almost parallel to the wagon road, was built as a haul road for the quarry southeast of the Property. Artificial fill was placed in various areas of the Property to construct the road. Later, quarry fines were dumped in various places onsite. On the northwestern portion of the site, a drainage was used as an unregistered landfill in the 1970s. In 1998, the City of Cupertino undertook remediation of the landfill. The City removed the landfill material and off hauled it to Kettlemen City. The excavated drainage was then filled with artificial engineered fill. Later, approximately 10 to 15 feet of undocumented material was dumped on top of the engineered fill. Mr. Guidotti provided photographs of the over-excavation and replacement of the landfill material (Figure 5).

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¹ California Department of Health Services – Division of Drinking Water and Environmental Management – Radon (http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf).

6.0 FINDINGS

The reconnaissance, records research, and a review of regulatory database found documentation and physical evidence of possible soil impairments associated with past use of the Property. The following potential environmental concerns are noted:

- Historical aerial photographs indicate that the Property has been used for agriculture in the past.
 It is conceivable that the residual levels of persistent pesticides may remain in surface soils. We recommend an agrichemical impact assessment be considered for the Property.
- Previous reports and information from interviews indicate that a portion of the Property has been used as landfill in the past. The City of Cupertino reportedly remediated the landfill material, however the Santa Clara County Department of Environmental Health was asked to provide a letter to the City concurring that the landfill was appropriately remediated. No documentation of the County's concurrence was found. If documentation becomes available, it should be reviewed to provide that the information is sufficient and that no further information is needed. Without documentation that the landfill materials have been entirely removed, a soil and ground water study with laboratory testing would be prudent prior to future site development.

7.0 OPINIONS AND DATA GAPS

It is our opinion that the findings of this study are based on a sufficient level of information obtained during our contracted scope of services to render a conclusion as to whether additional appropriate investigation is required to identify the presence or likely presence of a REC.

The data gaps identified during this process, if any, do not affect the conclusions as to the presence or lack of presence of RECs at the Property.

8.0 CONCLUSIONS

The study included a review of local, state and federal environmental record sources, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; a reconnaissance of the Property to review site use and current conditions to check for the storage, use, production or disposal of hazardous or potentially hazardous materials; and interviews with persons knowledgeable about current and past site use.

The site reconnaissance and records review found documentation of possible soil impairments associated with the use of the Property. A review of regulatory databases maintained by county, state, and federal agencies documented no hazardous materials violations or discharge on the Property. A review of regulatory agency records and available databases did not identify contaminated facilities within the appropriate ASTM search distances that would be expected to impact the Property.



Based on the review of regulatory databases and site reconnaissance, we present information on features of potential environmental concern that were either contained in the databases or observed on the Property. These features were not considered to be RECs. We briefly discuss each feature below:

- Historical aerial photographs indicate that the Property has been used for agriculture in the past. It is conceivable that residual levels of persistent pesticides may remain in surface soils. We suggest than an agrichemical impact assessment be considered for the Property.
- Previous reports and information from interviews indicate that a portion of the Property has been used as landfill in the past. The City of Cupertino reportedly remediated the landfill material, however the Santa Clara County Department of Environmental Health was asked to provide a letter to the City concurring that the landfill was appropriately remediated. No documentation of the County's concurrence was found. If documentation becomes available, it should be reviewed to provide that the information is sufficient and that no further information is needed. Without documentation that the landfill materials have been entirely removed, a soil and ground water study with laboratory testing would be prudent prior to future site development.

ENGEO has performed a phase I environmental site assessment of the Property in general conformance with the scope and limitations of ASTM E 1527-05 "Standard Practice for Environmental Site Assessments" and USEPA "Standards and Practices for All Appropriate Inquires", 40 CFR Part 312. Based on the findings of this assessment, ENGEO recommends a phase II environmental site assessment with agrichemical testing in the former orchards and agricultural areas of the site. Soil and groundwater testing to confirm that the landfill materials have been removed may be prudent if the County's letter of concurrence that the landfill was properly remediated is not found.



SELECTED REFERENCES

Dibble, Thomas Jr., Geologic Maps of the Cupertino and San Jose West Quadrangles, Santa Clara and Santa Cruz Counties, California, 2007.

Google Maps (http://maps.google.com)

California Department of Water Resources (http://wdl.water.ca.gov)

Microsoft TerraServer USA (http://www.terraserver.microsoft.com)

Topozone (http://www.topozone.com)

United States Environmental Protection Agency Indoor Air Quality Website (http://ww2.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf)

Dames and Moore. Phase 1 Environmental Site Assessment Update, McDonald Dorsa Property, Cupertino, California. November 22, 1999.

Dames and Moore. Site Restoration Report, McDonald Dorsa Property, Cupertino California, November 22, 1999.



LIST OF FIGURES

Figure 1 Vicinity Map Figure 2 Site Map

Figure 3 Site Photographs

Figure 4 Photographs Provided by Mr. Guidotti







\Draftina\DRAFTING2_Dwa_10000 to 12999\10014\000\ESA\10014000000-ESA-1-VicinityMap-0213.dwa Plot Date: 2-20-13 DBORDE

ORIGINAL FIGURE PRINTED IN COLOR









CONSTRUCTION DEBRIS



CONSTRUCTION DEBRIS



DEBRIS - OLD TRUCKBED



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SITE PHOTOGRAPHS PARKSIDE TRAILS CUPERTINO, CALIFORNIA

PROJECT NO.: 10014.000.000 SCALE: NO SCALE

DRAWN BY: DLB CHECKED BY: BF

FIGURE NO.















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PHOTOS PROVIDED BY MR. GUIDOTTI

PARKSIDE TRAILS

CUPERTINO, CALIFORNIA

PROJECT NO.: 10014.000.000 **SCALE:** NO SCALE

DRAWN BY: DLB CHECKED BY: BF

4

FIGURE NO.

APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

Radius Map Report







Parkside Trails Stevens Canyon Rd Cupertino, CA 95014

Inquiry Number: 03513752.2r

February 06, 2013

The EDR Radius Map™ Report with GeoCheck®

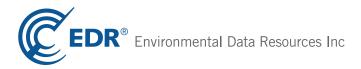


TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map.	3
Map Findings Summary	4
Map Findings.	8
Orphan Summary.	
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings.	A-8
Physical Setting Source Records Searched.	A-10

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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

STEVENS CANYON RD CUPERTINO, CA 95014

COORDINATES

Latitude (North): 37.3079000 - 37° 18' 28.44" Longitude (West): 122.0698000 - 122° 4' 11.28"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582433.6 UTM Y (Meters): 4129231.2

Elevation: 441 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010 Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS..... FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS.....Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent NPL RESPONSE...... State Response Sites State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Information System State and tribal leaking storage tank lists LUST..... Geotracker's Leaking Underground Fuel Tank Report SLIC..... Statewide SLIC Cases HIST LUST - Fuel Leak Site Activity Report INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists UST...... Active UST Facilities

State and tribal voluntary cleanup sites

VCP......Voluntary Cleanup Program Properties INDIAN VCP.....Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

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

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

SWRCY...... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI_____ Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

Toxic Pits Cleanup Act Sites CDL Clandestine Drug Labs

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

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

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

SWEEPS UST Listing

Local Land Records

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

Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System
CHMIRS...... California Hazardous Material Incident Report System

LDS...... Land Disposal Sites Listing MCS...... Military Cleanup Sites Listing

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators

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

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)

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

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

UIC Listing

NPDES...... NPDES Permits Listing

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

DRYCLEANERS..... Cleaner Facilities

WIP..... Well Investigation Program Case List

ENF...... Enforcement Action Listing HAZNET..... Facility and Manifest Data EMI..... Emissions Inventory Data INDIAN RESERV Indian Reservations

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

MWMP..... Medical Waste Management Program Listing

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

COAL ASH EPA...... Coal Combustion Residues Surface Impoundments List HWT....... Registered Hazardous Waste Transporter Database

HWP EnviroStor Permitted Facilities Listing
Financial Assurance Financial Assurance Information Listing
2020 COR ACTION 2020 Corrective Action Program List

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

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

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR...... Financial Assurance Information

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

PROC..... Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR US Hist Auto Stat...... EDR Exclusive Historic Gas Stations EDR US Hist Cleaners...... EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 12/05/2012 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BLACKBERRY FARM PLAY AREA Status: No Further Action	21979 SAN FERNANDO DRIV	NE 1/2 - 1 (0.839 mi.)	1	8

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name

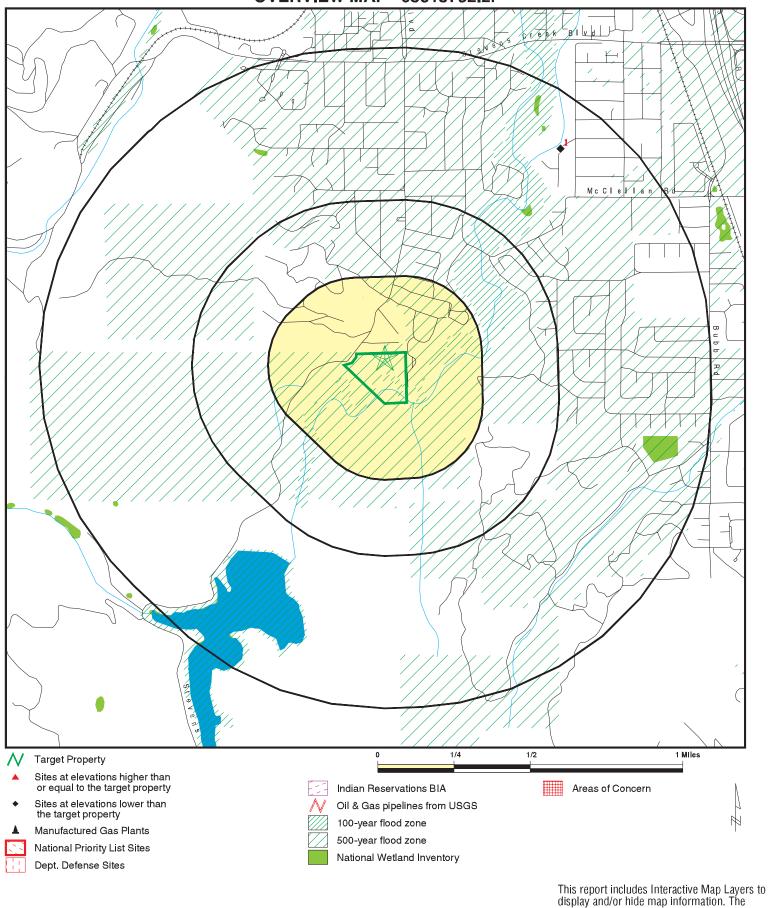
KAISER CEMENT CORP, PERMA
EXXON R/S 7-0206
KAISER CEMENT CORP PERMANENTE PLAN
KAISER ALUMINUM
ARCO #5333
CHEVRON SERVICE STATION
TEXACO
CALTRANS DIST 4
KAISER CEMENT CORP PERMANENTE
STEVENS CREEK QUARRY, INC.

MARIANI FRUIT PACKING PLANT ORCHAR

Database(s)

HIST CORTESE, ENVIROSTOR
CA FID UST, SWEEPS UST
CERCLIS
CERC-NFRAP
LUST
HIST UST
HIST UST
RCRA-SQG
SLIC
US MINES
ENVIROSTOR

OVERVIEW MAP - 03513752.2r



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

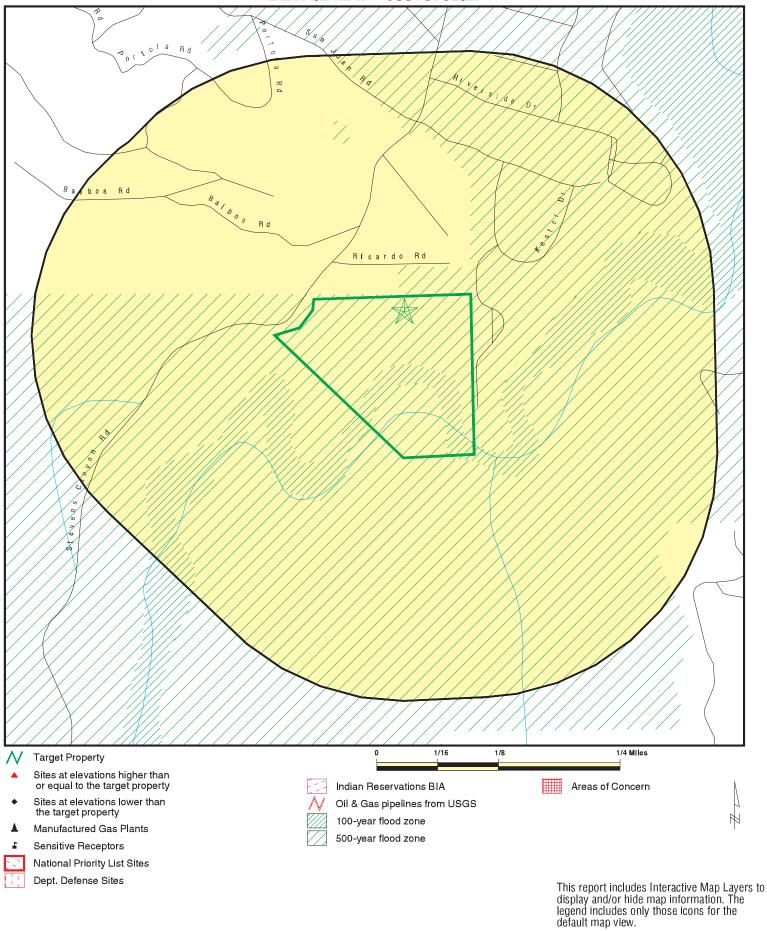
SITE NAME: Parkside Trails

ADDRESS: Stevens Canyon Rd
Cupertino CA 95014

LAT/LONG: 37.3079 / 122.0698

CLIENT: Engeo Inc.
CONTACT: Julia Kelson
INQUIRY #: 03513752.2r
DATE: February 06, 2013 6:15 pm

DETAIL MAP - 03513752.2r



SITE NAME: Parkside Trails

ADDRESS: Stevens Canyon Rd
Cupertino CA 95014

LAT/LONG: 37.3079 / 122.0698

CLIENT: Engeo Inc.
CONTACT: Julia Kelson
INQUIRY #: 03513752.2r
DATE: February 06, 2013 6:16 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC HIST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
State and tribal registere	d storage tan	ık lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal voluntary	cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u> </u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 TP 0.500		0 0 0 0 NR 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	TP 1.000 0.250 1.000 TP TP		NR 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 NR 0 NR NR	NR 0 NR 0 NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Registered Storage Tanks								
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2 LIENS DEED	TP TP 0.500		NR NR 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency Release Reports								
HMIRS CHMIRS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS MCS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Re	cords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS CONSENT	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		Ö	Ö	ŏ	NR	NR	ŏ
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS HIST FTTS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
SSTS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	Ö
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS RMP	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NŘ	NR	NR	NR	ŏ
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR NR	NR NR	NR	0
SAN JOSE HAZMAT Notify 65	0.250 1.000		0 0	0 0	0	0	NR NR	0 0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		Ö	Ö	NR	NR	NR	Ö
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV SCRD DRYCLEANERS	1.000 0.500		0 0	0 0	0 0	0 NR	NR NR	0 0
MWMP	0.300		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	Ö
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR NB	NR NB	NR NB	0
2020 COR ACTION US AIRS	0.250 TP		0 NR	0 NR	NR NR	NR NR	NR NR	0 0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	Õ
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BLACKBERRY FARM PLAY AREA VCP S109424762 NE 21979 SAN FERNANDO DRIVE **HAZNET** N/A CUPERTINO, CA 95014 **ENVIROSTOR**

1/2-1 0.839 mi. 4431 ft.

Actual:

349 ft.

VCP: Relative:

60001205 Facility ID: Lower

Voluntary Cleanup Site Type: Site Type Detail: Voluntary Cleanup Site Mgmt. Req.: NONE SPECIFIED

Acres: 0.08 National Priorities List: NO Cleanup Oversight Agencies: **SMBRP** SMBRP Lead Agency:

Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program

Project Manager: Mark Piros Supervisor: Barbara Cook Division Branch: Cleanup Berkeley Site Code: Not reported

Assembly: 28 Senate: 15

Special Programs Code: Not reported No Further Action Status: 11/10/2009 Status Date:

Restricted Use: NO

Funding: Responsible Party Lat/Long: 37.31610 / -122.0610 APN: NONE SPECIFIED

Past Use: AGRICULTURAL - ORCHARD Potential COC: 30007, 30008, 30013, 30023 Confirmed COC: 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name Alias Name: 60001205

Envirostor ID Number Alias Type:

Completed Info:

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

Preliminary Endangerment Assessment Report Completed Document Type:

Completed Date: 11/10/2009

Soil samples were collected from within the footprint of a proposed Comments:

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the

excavated soil was disposed at a permitted, off-site Class II landfill. The Soil Removal Completion Report presents the results of soil sampling and documents the soil removal. DTSC issued a no

further action letter to the City of Cupertino based on the

information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported **EDR ID Number**

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

BLACKBERRY FARM PLAY AREA (Continued)

S109424762

EDR ID Number

Future Due Date:

Schedule Area Name:

Schedule Sub Area Name:

Schedule Document Type:

Schedule Due Date:

Schedule Revised Date:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

HAZNET:

Year: 2011

Gepaid: CAL000318874

Contact: SHAWN TOGNETTI/HAZ MAT. TECH.

Telephone: 4087771357 Mailing Name: Not reported Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported

Waste Category: Asbestos containing waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.4 Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Other inorganic solid waste

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To

Include On-Site Treatment And/Or Stabilization)

Tons: 0.05

Facility County: Santa Clara

Year: 2009

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAT000646117

TSD County: Kings

Waste Category: Contaminated soil from site clean-up

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill (To

Include On-Site Treatment And/Or Stabilization)

Tons: 63.72 Facility County: Santa Clara

Year: 2009

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

BLACKBERRY FARM PLAY AREA (Continued)

S109424762

EDR ID Number

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAD980887418
TSD County: Alameda

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.2

Facility County: Santa Clara

Year: 2007

Gepaid: CAL000318874
Contact: TOM WALTERS
Telephone: 4087773129
Mailing Name: Not reported
Mailing Address: 10555 MARY AVE

Mailing City, St, Zip: CUPERTINO, CA 950140000

Gen County: Santa Clara
TSD EPA ID: CAD044429835
TSD County: Los Angeles

Waste Category: Alkaline solution without metals pH >= 12.5

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.1

Facility County: Santa Clara

<u>Click this hyperlink</u> while viewing on your computer to access 2 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup

Acres: 0.08 NPL: NO **SMBRP** Regulatory Agencies: **SMBRP** Lead Agency: Program Manager: Mark Piros Supervisor: Barbara Cook Division Branch: Cleanup Berkeley Facility ID: 60001205 Site Code: Not reported

Assembly: 28 Senate: 15

Special Program: Not reported
Status: No Further Action
Status Date: 11/10/2009

Restricted Use: NO

Site Mgmt. Req.: NONE SPECIFIED Funding: Responsible Party Latitude: 37.31610

Longitude: -122.0610
APN: NONE SPECIFIED

Map ID MAP FINDINGS

Elevation Site

EDR ID Number Database(s) EPA ID Number

BLACKBERRY FARM PLAY AREA (Continued)

S109424762

 Past Use:
 AGRICULTURAL - ORCHARD

 Potential COC:
 30007, 30008, 30013, 30023

 Confirmed COC:
 30023,30013,30007,30008

Potential Description: SOIL

Alias Name: Captain Stevens Play Area

Alias Type: Alternate Name
Alias Name: 60001205

Alias Type: Envirostor ID Number

Completed Info:

Distance

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

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 11/10/2009

Comments: Soil samples were collected from within the footprint of a proposed

play area and analyzed for organochlorine pesticides and metals because of the possible historical use of a nearby parcel for agricultural use. There were some exceedances of human health risk-based screening levels for lead and toxaphene. In May 2009, approximately 72 cubic yards of soil was excavated to address the locations where there were exceedances of screeening levels and the excavated soil was disposed at a permitted, off-site Class II

landfill. The Soil Removal Completion Report presents the results of soil sampling and documents the soil removal. DTSC issued a no further action letter to the City of Cupertino based on the

information presented in the Report and determined that the proposed

play area has been made suitable for unrestricted use.

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Future Due Date: Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Not reported Schedule Due Date: Schedule Revised Date: Not reported Count: 11 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CUPERTINO	S100183052	MARIANI FRUIT PACKING PLANT ORCHAR	CORNER OF DEANZA BLVD & HWY 2	95014	ENVIROSTOR
CUPERTINO	U001595599	CHEVRON SERVICE STATION	10023 S DE ANZA BLVD	95014	HIST UST
CUPERTINO	U001601016	TEXACO	10002 N. HWY 9 / STEVENS CRE	95014	HIST UST
CUPERTINO	S101594613	EXXON R/S 7-0206	10002 N HWY 9	95014	CA FID UST, SWEEPS UST
CUPERTINO	1003879309	KAISER ALUMINUM	PERMANENTE RD	95014	CERC-NFRAP
CUPERTINO	1004675609	CALTRANS DIST 4	ON RAMP FROM DE ANZA BLVD	95014	RCRA-SQG
CUPERTINO	S110655345	ARCO #5333	STEVENS CRK & STELLING RD	95014	LUST
CUPERTINO	S106162427	KAISER CEMENT CORP PERMANENTE	UNKNOWN STEVENS CREEK BLVD W	95014	SLIC
PERMANENTE	S101482325	KAISER CEMENT CORP, PERMA	2401 STEVENS CREEK BLVD	95014	HIST CORTESE, ENVIROSTOR
PERMANENTE	1015730618	KAISER CEMENT CORP PERMANENTE PLAN	W TERMINUS OF STEVENS CR BLVD	95014	CERCLIS
SANTA CLARA COUNTY	M300006427	STEVENS CREEK QUARRY, INC.	STEVENS CREEK QUARRY		US MINES

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012 Source: EPA
Date Data Arrived at EDR: 10/11/2012 Telephone: N/A

Number of Days to Update: 70 Next Scheduled EDR Contact: 04/22/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Source: EPA

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

Number of Days to Update: 56

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

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

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 70

Source: EPA Telephone: N/A

Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA
Telephone: 703-4

Telephone: 703-412-9810 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

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

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 01/11/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/07/2013

Number of Days to Update: 40

Source: EPA Telephone: 703-412-9810

Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012 Number of Days to Update: 104

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 07/24/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 104

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

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

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 12/05/2012 Date Data Arrived at EDR: 12/06/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 40

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 12/05/2012 Date Data Arrived at EDR: 12/06/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 40

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 46

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005 Date Data Arrived at EDR: 02/15/2005 Date Made Active in Reports: 03/28/2005

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 22

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

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 9

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

Number of Days to Update: 35

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 14

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

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

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

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

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

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 39

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 01/31/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

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

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

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

SLIC: Statewide SLIC Cases

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

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 39

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 01/31/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

Number of Days to Update: 18

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

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

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

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

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

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

Number of Days to Update: 30

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

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

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

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004 Date Data Arrived at EDR: 11/18/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

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

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

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

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005 Date Data Arrived at EDR: 05/25/2005 Date Made Active in Reports: 06/16/2005

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574 Last EDR Contact: 08/15/2011

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

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004 Date Data Arrived at EDR: 11/29/2004 Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491 Last EDR Contact: 08/01/2011

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/03/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007 Date Data Arrived at EDR: 09/11/2007 Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

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

Telephone: 858-467-2980 Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: Annually

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/30/2012

Next Scheduled EDR Contact: 05/13/2013
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

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

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

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/18/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 38

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 01/31/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

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

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 916-327-5092 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 08/02/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 75

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012 Date Data Arrived at EDR: 09/07/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 39

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012 Date Data Arrived at EDR: 08/03/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 94

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 07/16/2012

Number of Days to Update: 75

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA Telephone: 202-646-5797 Last EDR Contact: 01/14/2013

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

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

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

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 12/05/2012 Date Data Arrived at EDR: 12/06/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 40

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 14

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/04/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

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

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000 Date Data Arrived at EDR: 04/10/2000 Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/18/2012 Date Data Arrived at EDR: 12/20/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 36

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

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

Date of Government Version: 11/15/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 12/14/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 54

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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

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

Number of Days to Update: 21

Source: Department of Toxic Substance Control

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 12/05/2012 Date Data Arrived at EDR: 12/06/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 40

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2012 Date Data Arrived at EDR: 09/12/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 21

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

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

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

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990 Date Data Arrived at EDR: 01/25/1991 Date Made Active in Reports: 02/12/1991

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained.

The local agency is the contact for more information on a site on the SWEEPS list.

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/18/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 34

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 35

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 03/28/2012 Date Data Arrived at EDR: 05/01/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 24

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 01/29/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 35

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 01/31/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 12/17/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 39

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 01/31/2013

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 12/04/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/05/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 12/20/2012

Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

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

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

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

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA,

TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

Number of Days to Update: 25

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

Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 01/17/2013

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

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/16/2013

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

MLTS: Material Licensing Tracking System

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

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

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/09/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

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

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 57

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 12/21/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 35

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 12/21/2012

Next Scheduled EDR Contact: 12/31/2012 Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/02/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the

state agency.

Date of Government Version: 04/01/2001 Date Data Arrived at EDR: 01/22/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the

Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/11/2012 Date Data Arrived at EDR: 12/12/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 12/24/2012 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/16/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 62

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 01/08/2013

Next Scheduled EDR Contact: 05/13/2013

Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 14

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 01/14/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 12/18/2012 Date Data Arrived at EDR: 12/20/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 36

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 12/20/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 12/07/2012 Date Data Arrived at EDR: 12/12/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 34

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/15/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/11/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/15/2012 Date Data Arrived at EDR: 10/16/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 22

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 01/15/2013

Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/26/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/09/2013

Number of Days to Update: 42

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 11/28/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/04/2013

Number of Days to Update: 45

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 06/01/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 28

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 02/01/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/16/2012

Next Scheduled EDR Contact: 11/26/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/17/2013

Next Scheduled EDR Contact: 04/29/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012 Date Data Arrived at EDR: 10/04/2012 Date Made Active in Reports: 11/05/2012

Number of Days to Update: 32

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 01/18/2012 Date Data Arrived at EDR: 01/27/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/13/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2012 Date Data Arrived at EDR: 10/12/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 26

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/16/2013 Date Data Arrived at EDR: 01/17/2013 Date Made Active in Reports: 01/31/2013

Number of Days to Update: 14

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Semi-Annually

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

> Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/17/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 27

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

> Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/22/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 42

Source: Health & Human Services Telephone: 530-458-0396

Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/27/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 48

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/20/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 56

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 09/30/2012 Date Data Arrived at EDR: 10/05/2012 Date Made Active in Reports: 10/23/2012

Number of Days to Update: 18

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 01/14/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/21/2012 Date Data Arrived at EDR: 12/21/2012 Date Made Active in Reports: 01/22/2013

Number of Days to Update: 32

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 06/11/2012

Number of Days to Update: 40

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013

Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List Cupa facility list.

> Date of Government Version: 06/26/2012 Date Data Arrived at EDR: 06/27/2012

> Date Made Active in Reports: 08/17/2012 Number of Days to Update: 51

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 09/30/2010

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 07/10/2012 Date Data Arrived at EDR: 07/12/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 56

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 12/28/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 28

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/16/2012

Next Scheduled EDR Contact: 10/26/2012 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012 Date Data Arrived at EDR: 10/23/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 38

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 01/22/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 11/16/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 02/21/2012

Number of Days to Update: 19

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012 Date Data Arrived at EDR: 10/25/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 36

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 01/29/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/14/2013 Date Data Arrived at EDR: 01/15/2013 Date Made Active in Reports: 01/31/2013

Number of Days to Update: 16

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 01/14/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/17/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/21/2013

Number of Days to Update: 54

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/19/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012 Date Data Arrived at EDR: 09/18/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 15

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011 Date Data Arrived at EDR: 12/06/2011 Date Made Active in Reports: 02/07/2012

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 12/05/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/16/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 17

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/05/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012 Date Data Arrived at EDR: 11/15/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 18

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/11/2012 Date Data Arrived at EDR: 12/12/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 34

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012 Date Data Arrived at EDR: 10/18/2012 Date Made Active in Reports: 11/07/2012

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 12/26/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/01/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/02/2012

Number of Days to Update: 22

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/08/2012 Date Data Arrived at EDR: 10/11/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/12/2012 Date Data Arrived at EDR: 12/18/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 01/02/2013

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 01/28/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health Telephone: 415-252-3920 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2012 Date Data Arrived at EDR: 12/21/2012 Date Made Active in Reports: 01/30/2013

Number of Days to Update: 40

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 01/22/2013

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/26/2012 Date Data Arrived at EDR: 11/26/2012 Date Made Active in Reports: 01/17/2013

Number of Days to Update: 52

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013

Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/17/2012 Date Data Arrived at EDR: 10/19/2012 Date Made Active in Reports: 11/13/2012

Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/22/2013

Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 01/11/2013

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 12/03/2012 Date Data Arrived at EDR: 12/05/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 41

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 12/03/2012

Next Scheduled EDR Contact: 03/18/2013 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012 Date Data Arrived at EDR: 11/14/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 19

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 11/12/2012

Next Scheduled EDR Contact: 02/25/2013 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/29/2012 Date Data Arrived at EDR: 11/30/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 46

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/27/2012 Date Data Arrived at EDR: 11/28/2012 Date Made Active in Reports: 01/17/2013

Number of Days to Update: 50

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/12/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/22/2013

Number of Days to Update: 36

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/12/2012 Date Data Arrived at EDR: 12/17/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 39

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 12/12/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2013 Date Data Arrived at EDR: 01/02/2013 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 23

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 12/28/2012

Next Scheduled EDR Contact: 04/15/2013 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2012 Date Data Arrived at EDR: 12/11/2012 Date Made Active in Reports: 01/15/2013

Number of Days to Update: 35

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 12/10/2012

Next Scheduled EDR Contact: 03/25/2013 Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/21/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 01/07/2013

Next Scheduled EDR Contact: 04/22/2013 Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 11/15/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/29/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 12/03/2012

Number of Days to Update: 27

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 01/29/2013

Next Scheduled EDR Contact: 05/13/2013 Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/04/2012 Date Data Arrived at EDR: 12/20/2012 Date Made Active in Reports: 01/25/2013

Number of Days to Update: 36

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 12/17/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2012 Date Data Arrived at EDR: 12/28/2012 Date Made Active in Reports: 01/30/2013

Number of Days to Update: 33

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 12/18/2012

Next Scheduled EDR Contact: 04/08/2013 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012 Date Data Arrived at EDR: 08/16/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 48

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 02/04/2013

Next Scheduled EDR Contact: 05/20/2013

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012 Date Data Arrived at EDR: 11/19/2012 Date Made Active in Reports: 01/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/19/2012

Next Scheduled EDR Contact: 03/04/2013 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/15/2013

Next Scheduled EDR Contact: 04/29/2013 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 11/07/2012 Date Made Active in Reports: 12/11/2012

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/07/2012

Next Scheduled EDR Contact: 02/18/2013 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 01/21/2013

Next Scheduled EDR Contact: 05/06/2013 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 06/22/2012 Date Made Active in Reports: 07/31/2012

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/26/2012

Next Scheduled EDR Contact: 03/11/2013 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PARKSIDE TRAILS STEVENS CANYON RD CUPERTINO, CA 95014

TARGET PROPERTY COORDINATES

Latitude (North): 37.3079 - 37° 18' 28.44" Longitude (West): 122.0698 - 122° 4' 11.28"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 582433.6 UTM Y (Meters): 4129231.2

Elevation: 441 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

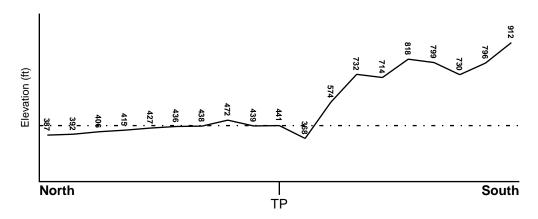
TOPOGRAPHIC INFORMATION

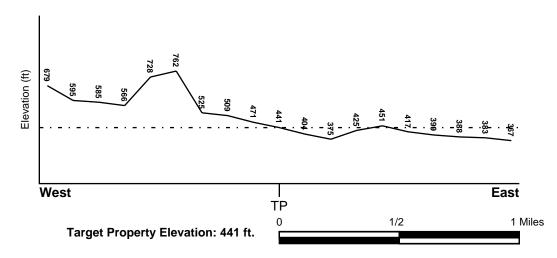
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County SANTA CLARA, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06085C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

CUPERTINO

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Pliocene

Code: Tpc (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information									
	Boui	ndary		Classification					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00		

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - loam

clay

Surficial Soil Types: gravelly - loam

clay

Shallow Soil Types: clay loam

clay

Deeper Soil Types: unweathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

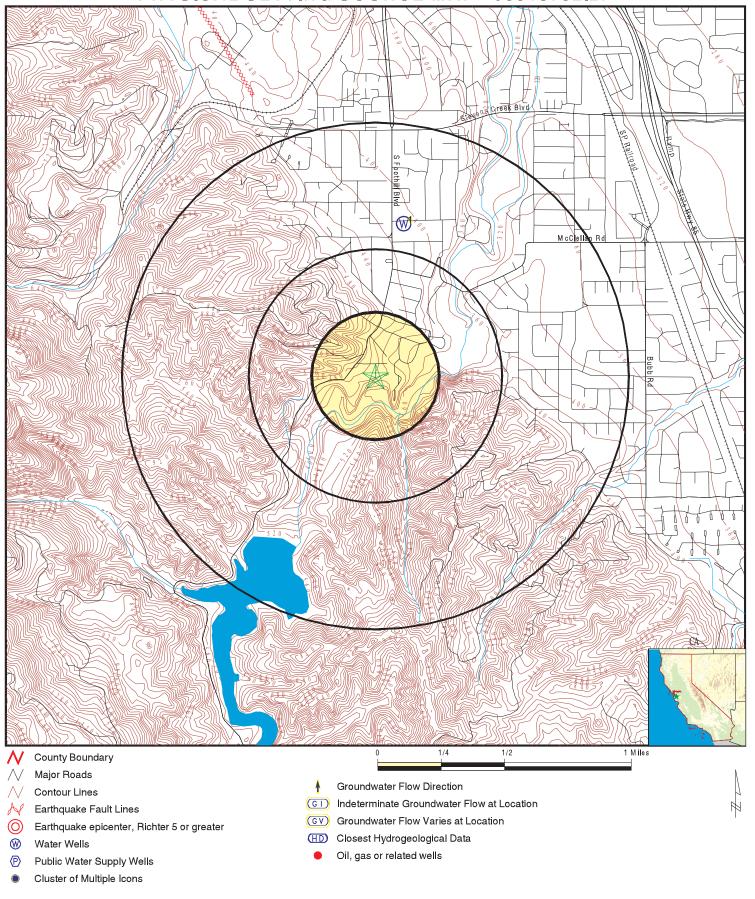
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

7851 1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 03513752.2r



SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd
Cupertino CA 95014
LAT/LONG: 37.3079 / 122.0698

CLIENT: Engeo Inc. CONTACT: Julia Kelson INQUIRY#: 03513752.2r

DATE: February 06, 2013 6:16 pm

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

North CA WELLS 7851

1/2 - 1 Mile Lower

Water System Information:

Prime Station Code: 07S/02W-22A01 M User ID: HEN FRDS Number: 4310018004 County: Santa Clara

District Number: 05 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY/G

Water Type: Well/Groundwater Well Status: Abandoned Source Lat/Long: 371900.0 1220400.0 Precision: Undefined

Source Name: PIPE GALLERY WELL 01 - ABANDONED

System Number: 4310018
System Name: City of Cupertino
Organization That Operates System:

10300 TORRE AVE

CUPERTINO, CA 95014

Pop Served: 18200 Connections: 4199

Area Served: CUPERTINO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		
95014	43	0

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95014

Number of sites tested: 3

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 0.267 pCi/L Living Area - 1st Floor 100% 0% Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported Not Reported Basement Not Reported Not Reported Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC.

Sanborn Map Report



B



Parkside Trails

Stevens Canyon Rd Cupertino, CA 95014

Inquiry Number: 3513752.3

February 06, 2013

Certified Sanborn® Map Report



Certified Sanborn® Map Report

2/06/13

Site Name: Client Name:

Parkside Trails Engeo Inc.

Stevens Canyon Rd 2010 Crow Canyon Place Cupertino, CA 95014 San Ramon, CA 94583

EDR Inquiry # 3513752.3 Contact: Julia Kelson



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Engeo Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Parkside Trails

Address: Stevens Canyon Rd
City, State, Zip: Cupertino, CA 95014

Cross Street:

P.O. # P2013000100
Project: Parkside Trails
Certification # 0D76-4964-8162



Sanborn® Library search results Certification # 0D76-4964-8162

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.

The 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:

Library of Congress

University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC.

Historical Topographic Map Report





Parkside Trails

Stevens Canyon Rd Cupertino, CA 95014

Inquiry Number: 3513752.4

February 07, 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.

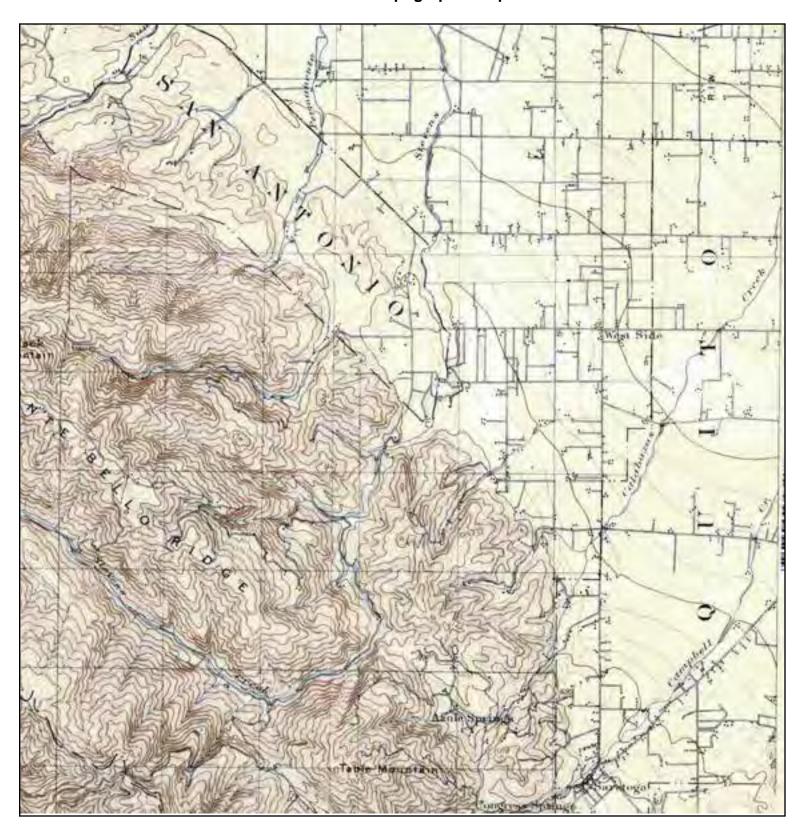
Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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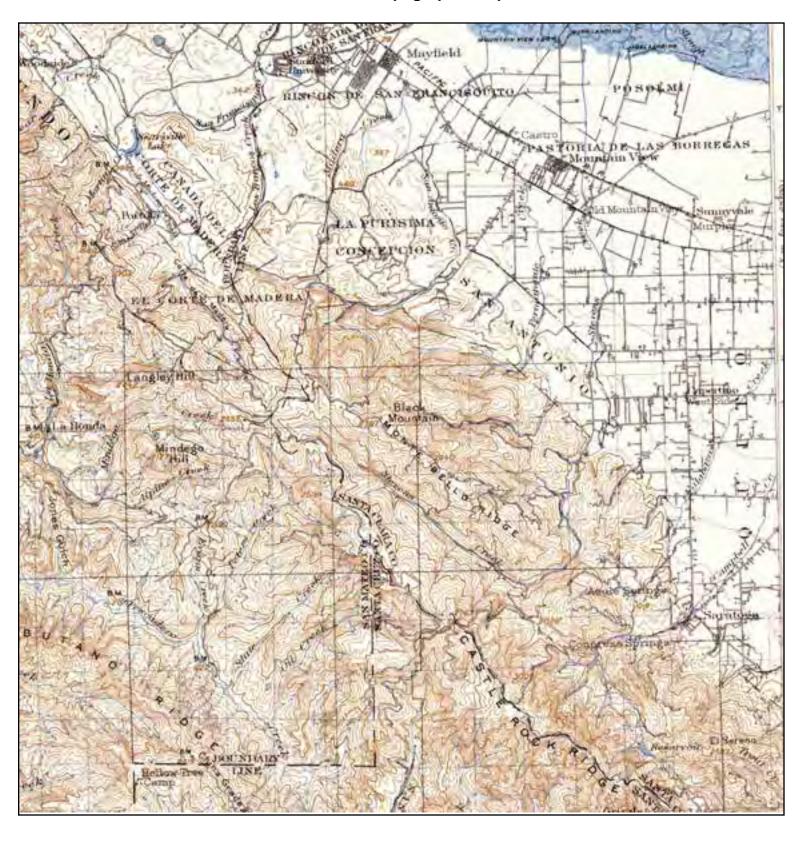
NAME: PALO ALTO

MAP YEAR: 1899

SERIES: 15 SCALE: 1:62500 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





TARGET QUAD

NAME: SANTA CRUZ

MAP YEAR: 1902

SERIES: 30

1:125000 SCALE:

SITE NAME: ADDRESS:

Parkside Trails Stevens Canyon Rd

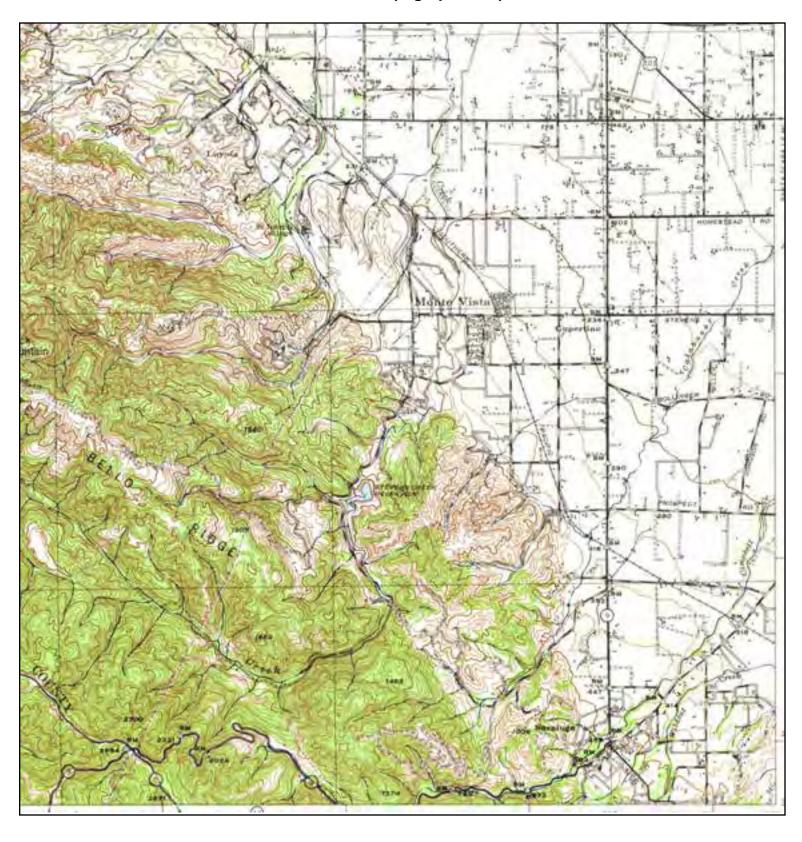
Cupertino, CA 95014

37.3079 / -122.0698 LAT/LONG:

CLIENT: CONTACT:

Engeo Inc. Julia Kelson INQUIRY#: 3513752.4

RESEARCH DATE: 02/07/2013





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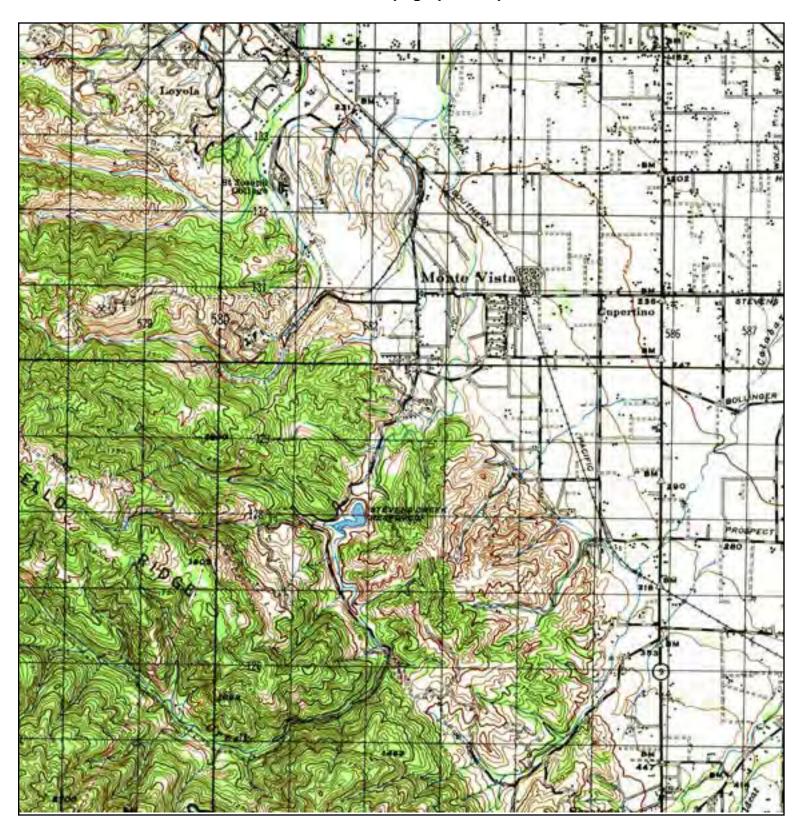
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MAP YEAR: 1943

SERIES: 15 SCALE: 1:62500 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





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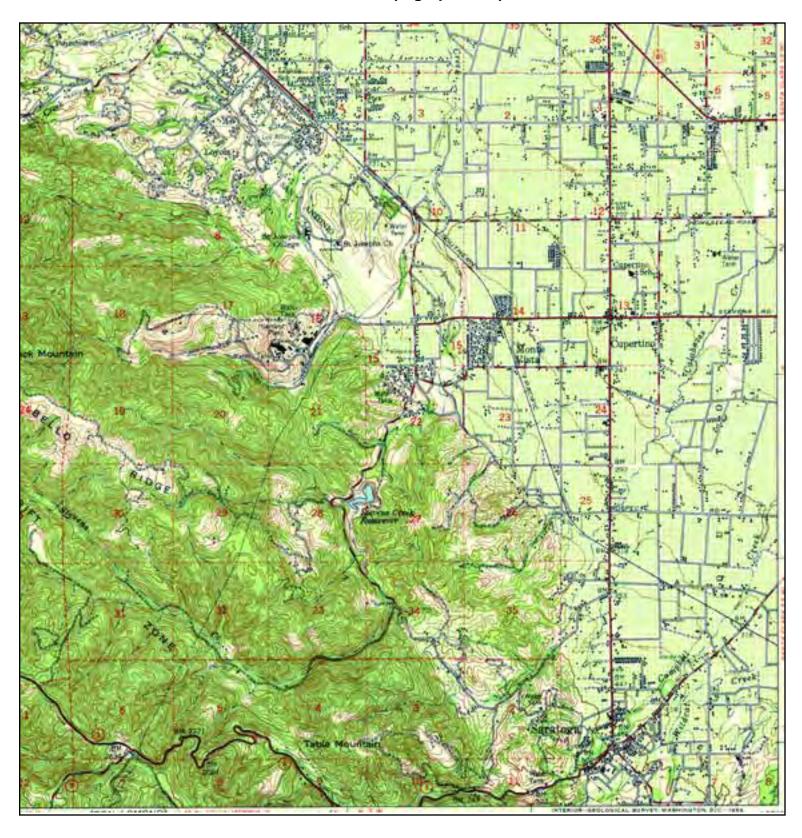
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MAP YEAR: 1947

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ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





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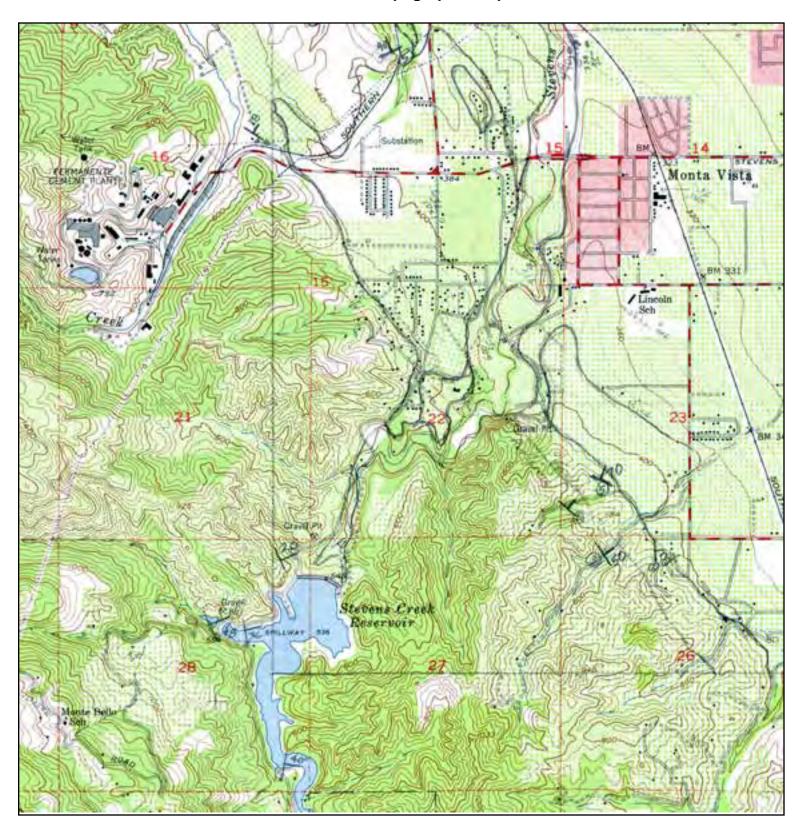
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MAP YEAR: 1948

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ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





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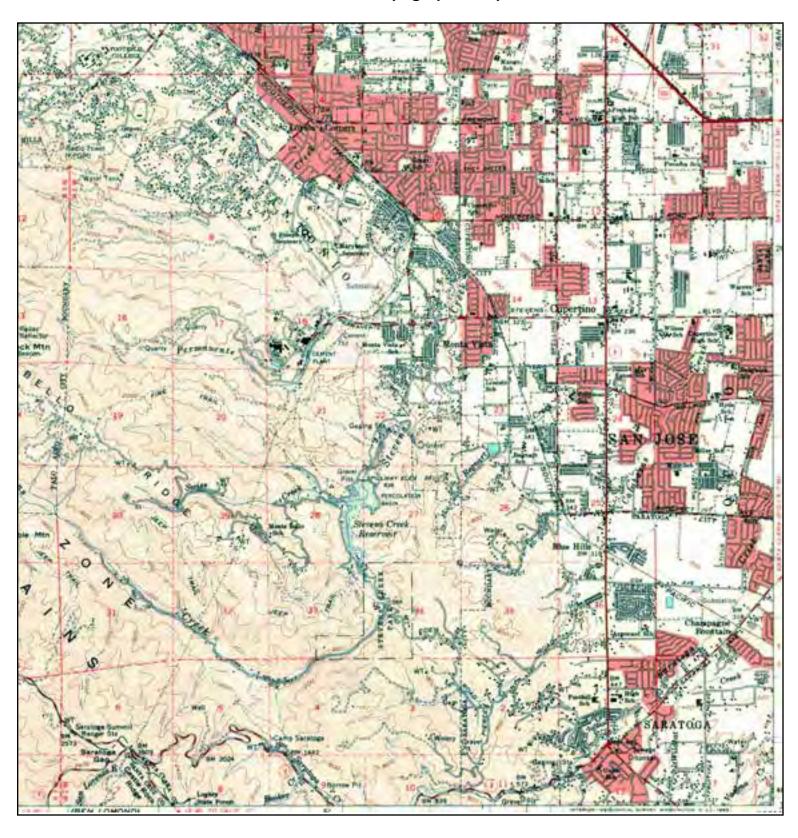
NAME: CUPERTINO

MAP YEAR: 1953

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





TARGET QUAD

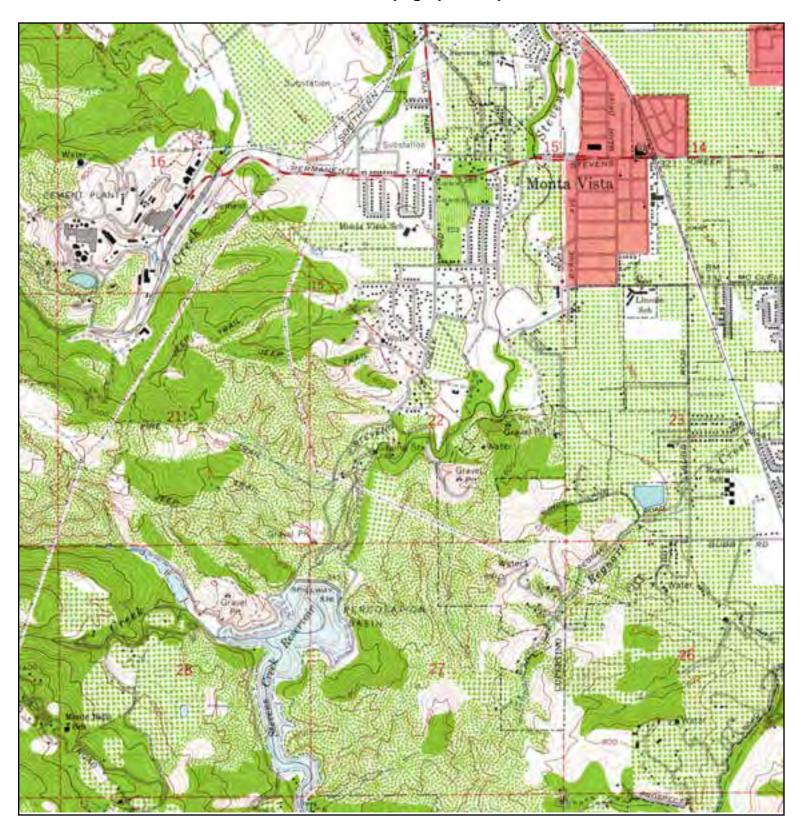
NAME: PALO ALTO

MAP YEAR: 1961

SERIES: 15 SCALE: 1:62500 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

LAT/LONG:

Cupertino, CA 95014 37.3079 / -122.0698





TARGET QUAD

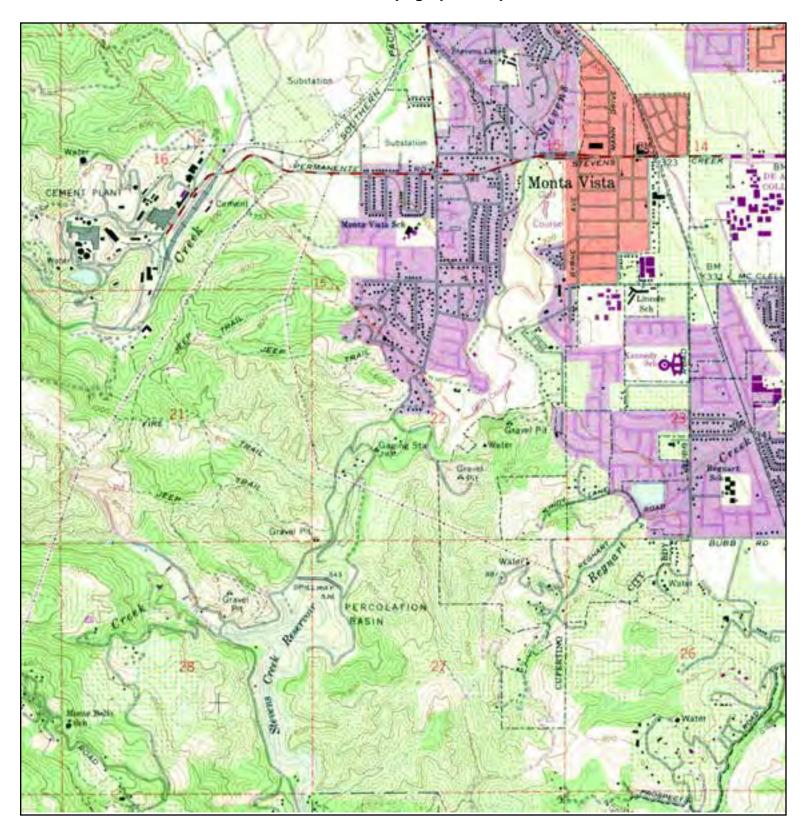
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MAP YEAR: 1961

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ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





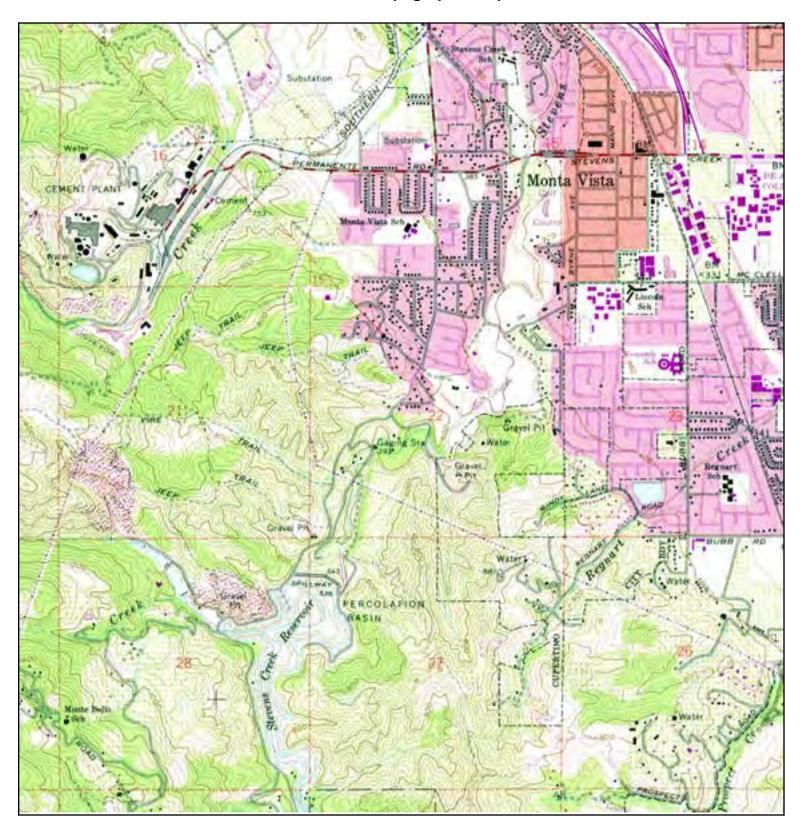
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NAME: CUPERTINO MAP YEAR: 1968

PHOTOREVISED FROM :1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014 LAT/LONG: 37.3079 / -122.0698





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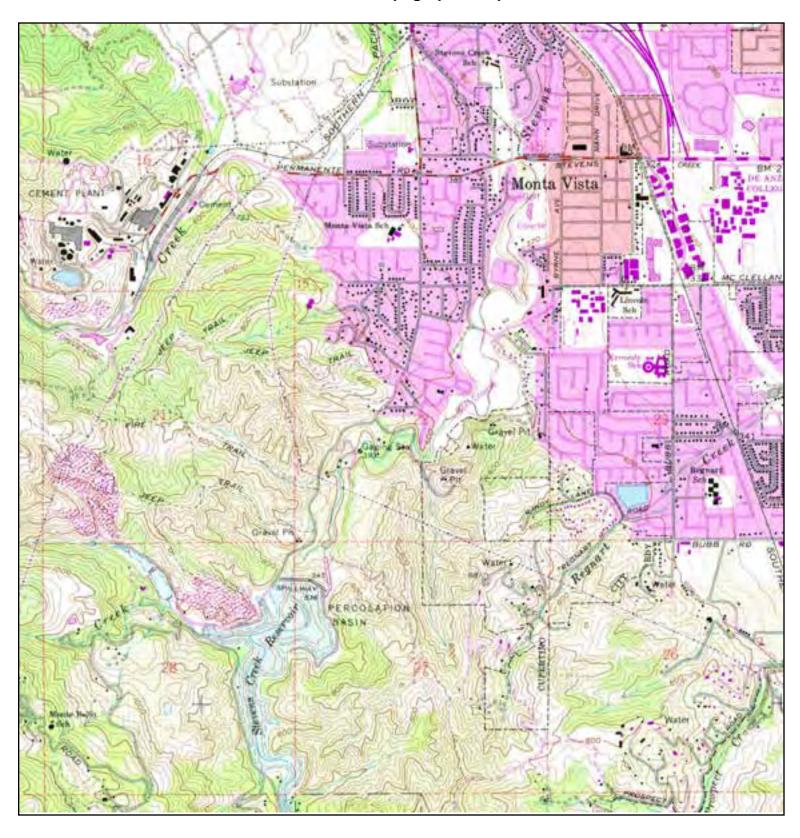
CUPERTINO NAME: MAP YEAR: 1973

PHOTOREVISED FROM: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

37.3079 / -122.0698 LAT/LONG:





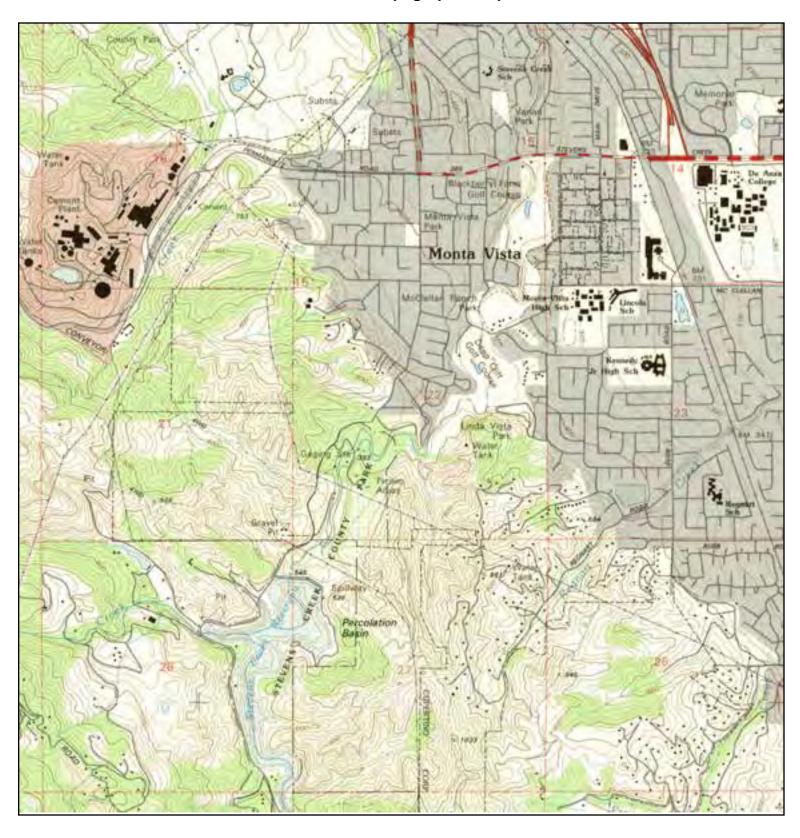
TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1980

PHOTOREVISED FROM: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014 LAT/LONG: 37.3079 / -122.0698





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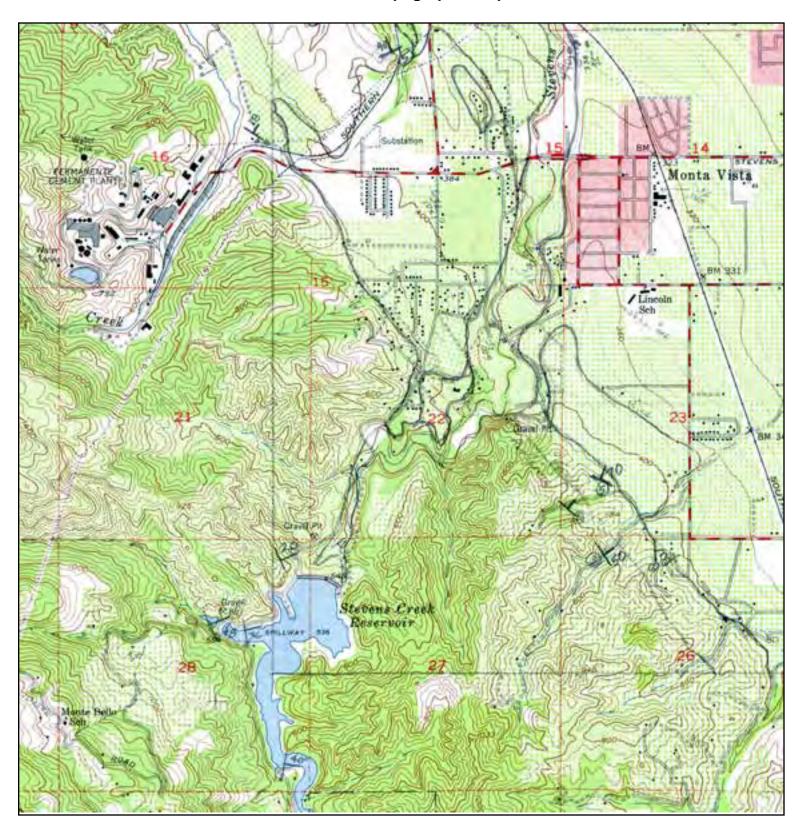
NAME: CUPERTINO

MAP YEAR: 1991

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





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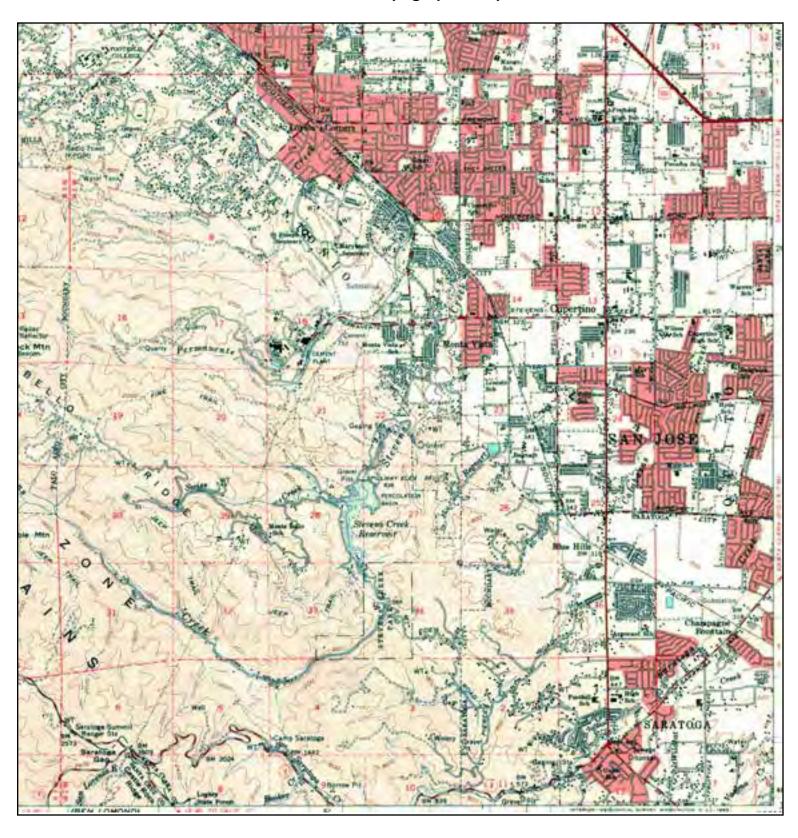
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MAP YEAR: 1953

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





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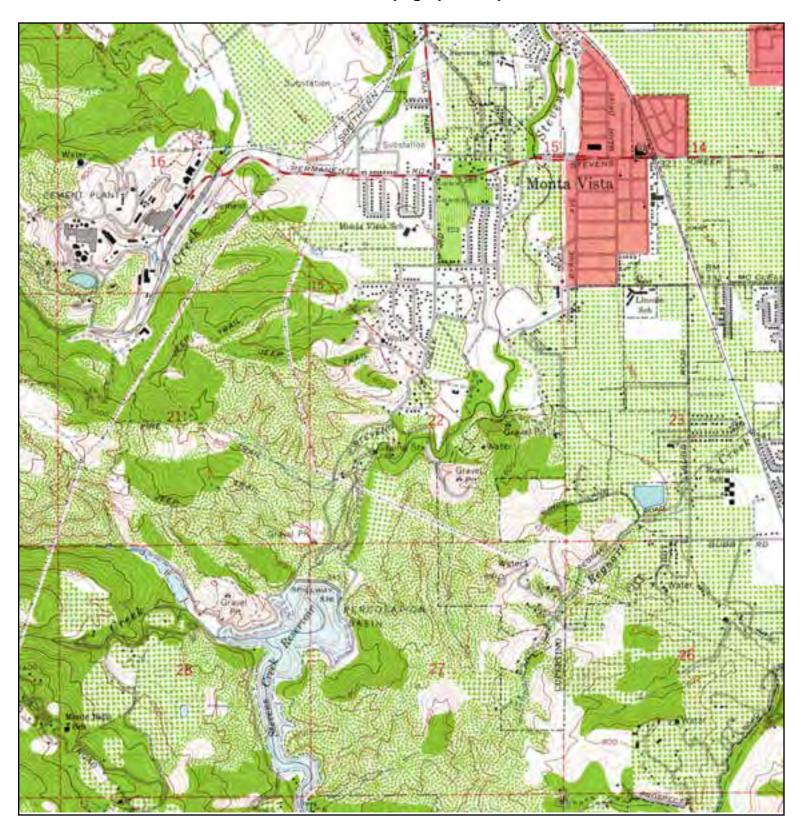
NAME: PALO ALTO

MAP YEAR: 1961

SERIES: 15 SCALE: 1:62500 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

LAT/LONG:

Cupertino, CA 95014 37.3079 / -122.0698





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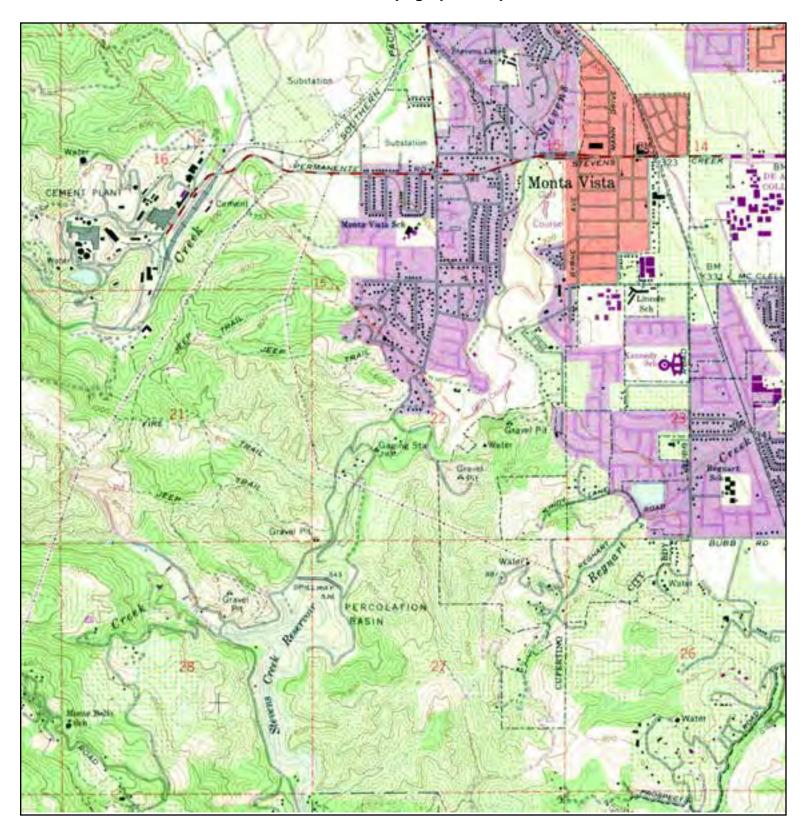
NAME: CUPERTINO

MAP YEAR: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698





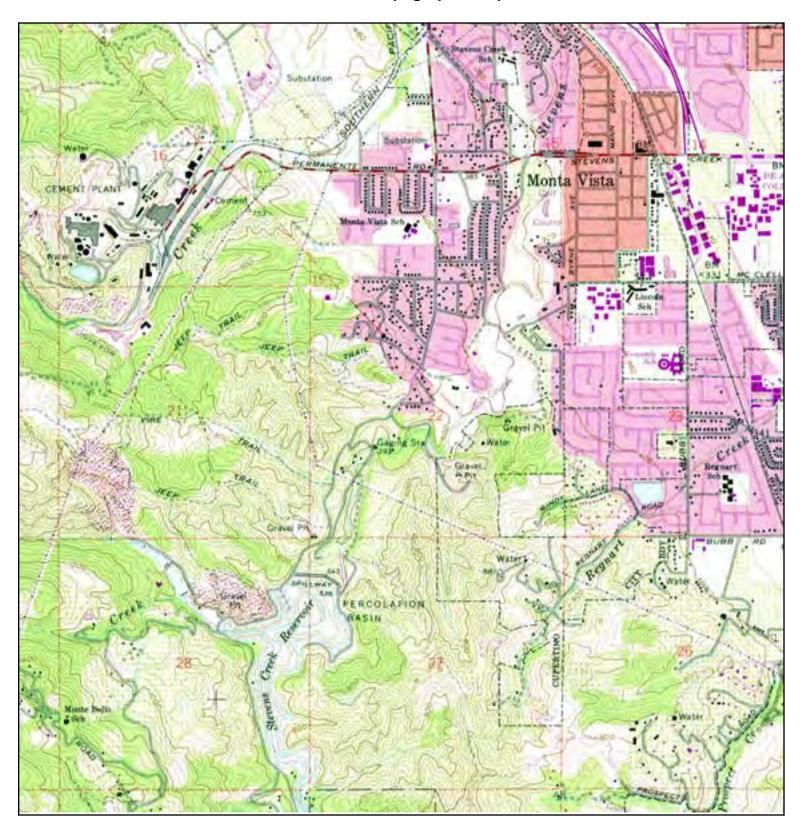
TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1968

PHOTOREVISED FROM :1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014 LAT/LONG: 37.3079 / -122.0698





TARGET QUAD

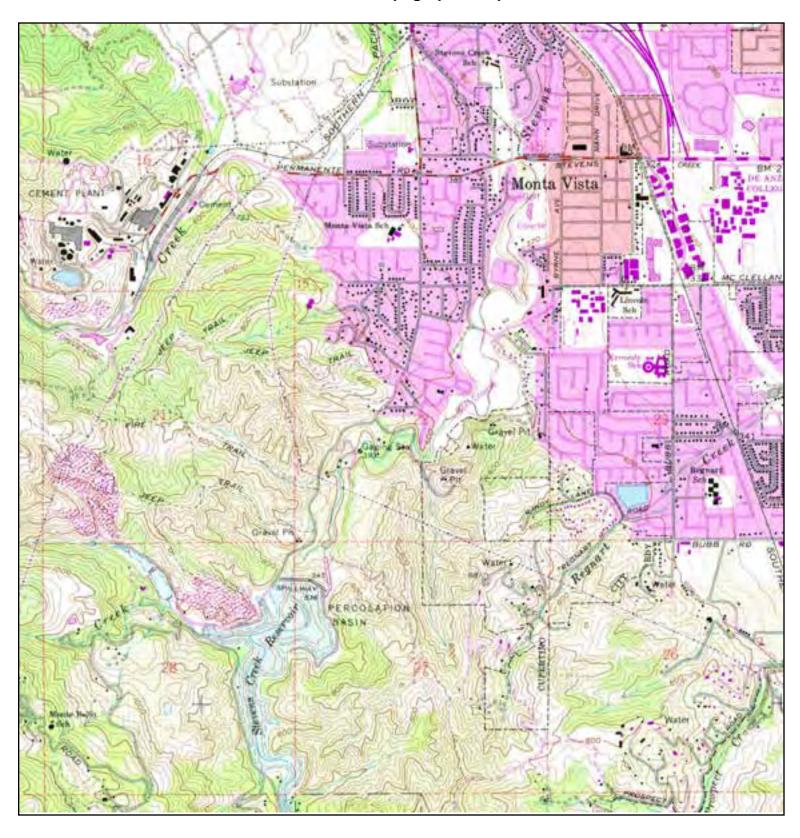
CUPERTINO NAME: MAP YEAR: 1973

PHOTOREVISED FROM: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

37.3079 / -122.0698 LAT/LONG:





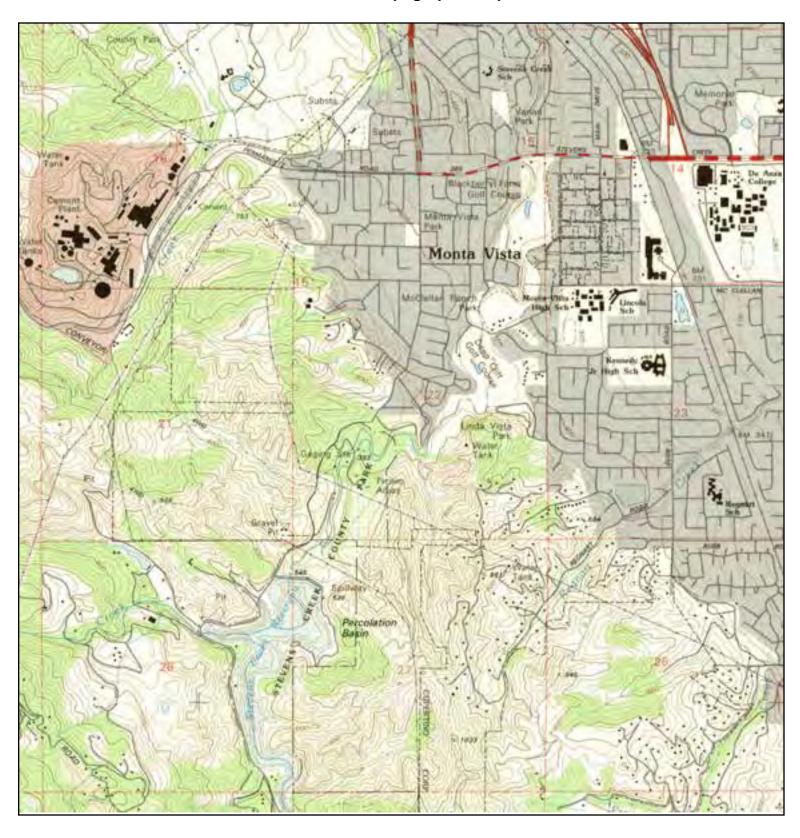
TARGET QUAD

NAME: CUPERTINO MAP YEAR: 1980

PHOTOREVISED FROM: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014 LAT/LONG: 37.3079 / -122.0698





TARGET QUAD

NAME: CUPERTINO

MAP YEAR: 1991

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Parkside Trails
ADDRESS: Stevens Canyon Rd

Cupertino, CA 95014

LAT/LONG: 37.3079 / -122.0698

APPENDIX D

TITLE COMPANY

Preliminary Title Report





(Rev. 11/06).

Order Norobox - 0131-619229ala

Page Number 1

Amended 1-29-13



First American Title Company

6683 Owens Drive Pleasanton, CA 94588

This report has been amended/updated to reflect the following matters			
(I	No changes made to the report other than the Effective Date		
1 1	Property address has been revised		
[]	Vesting has been revised		
1 1	Logal Description has been revised		
1 1	Taxes have been updated		
x	Original item number(s) 6, 7 and 10 have been removed		
1.1	New item number(s) have been added		
(× 1	Original item number(s) 5, 11, 11a and 11b have been revised		
1.)	Other:		



First American Title Company

6683 Qwens Drive Pleasanton, CA 94586

 Excrow Officer:
 Diane Berton

 Phone:
 (925)738-9050

 Fax No.:
 (866)648-7806

E Mail: dburten@firstanc.com

 Title Officer
 Kimberly Speer

 Phone:
 (916)627,2670

 Fax No.:
 (916)67,1528

 I. Mail:
 kapeccolarstain com.

U Mail Loan Documents to: Lenders please contact the Escrow Officer to romail address for

sending lose documents.

Boyon Standard Microc

Property: Stevens Canyon Road

Cupicatino, CA 95014

PRELIMINARY REPORT

In response to the Above telestes escapilication for a process title inconsorue, the company tereffy reports that it is prepared to cope, or installed by the Color of the Dandon of the Invariance describing the land and the estate in interior therein therein the control of the Transfer of the Color of the Color of the Invariance describing the land and the estate in interior therein the control of the Color of the Col

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Picase read the naceptions shown or referred to below and the exceptions and exclusions sat forth in Exhibit A of this typotal catafully. The exceptions and exclusions are entered to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

If is important to note that this proliminary report is not a written representation as to the condition of ritle and may not less all liens, defects, and encumbrançae affecting rule to the land.

The expect familiar is applicable to an independence to be extent or each of a little of the advance of a peak yould be not exercise and up to be a constructed by the each of the containing at the each of the containing at the each of the each of

Page Norther 1

Dated as all December 19, 2017 at 7:30 A.M.

The form of Policy of fille insurance contemplated by this report is:

ALTA Extended Owner Policy - 2006

A specific request should be made if another form or additional coverage is desired.

Little to said estate or interest at the date hereof is vested in:

PARKSIDE TRAILS, ELC, A CAUDIORNIA LIMITED LIABILITY COMPANY.

The estate or interest in the land heremafter described or referred to covered by this Report is:

A fee.

The land referred to begoin a described as follows:

(See attached Legal Description).

At the date hereof exceptions to coverage an addition to the printed Exceptions and Exclusion; in said policy form would be as follows:

General and special taxes and assessments for the fiscal year 2012-2013.

First Installment: \$536,79, DH INQUENT

Penalty: \$73.67

Second Installment: \$5.36,79, PAYABLE

Penalty: \$0.00 Tax Rate Area: 13 044 A. P. No 351-10-028

2 General and special toxes and assessments for the fiscal year 2012-2013.

Torst Tostallment: \$25,173.19, DELINQUENT

Propalty: \$2,547.31

Second Installment: \$25,173.19, PAYABLE

Periotty: \$0.00 Tox Pate Arra: 13 04-5 A. P. No.: 351 10 04.1

 Assessment liens, if applicable, collected with the general and special taxes, including but not firmted to those disclosed by the reflection of the following on the Gaznali:

Community Facilities District County Library.

 The ten of supplemental takes, if any, assessed pursuant to Chapter 3.5 commencing with Section 25 of the California Revenue and Taxation Code. An executeff for a line of tower, and markey and markets prepriet, recorded April 9, 1956 as Book 3461, Page 502 of Official Records.

In Payor of: Pacific Gas and Electric Company.

Affects: The land

- Intentionally Deleted
- Intentionally Deleted
- An easement for storm drainage and incidental purposes, recorded January 4, 1978 as 8 onk.
 D384, Page 589 of Official Records.

In Favor of: The City of Copertino

Affects: The land

- 9 This terms and provisions contained in the document entitled "Grant Deed" recorded December 29, 1999 as Document No. 15105125 of Official Records.
- 10. Intentionally Deleted
- An ensement for Drainage and incidental purposes, recorded August 27, 2007 as Instrument No. 16434323 of Official Records.

In Favor of: City of Cupertino, a municipal corporation.

Affects: The land

Torots and provisions contained in the above document.

 An easement for Temporary Construction and incidental purposes, recorded May 5, 2003 as Instrument No. 17012837 of Official Records.

In Pavor of: City of Cuperting, a municipal corporation.

Affects: Said Land

Above document resites: "Said License shall expire when the construction of said public improvements are accepted by the City Council".

 An easement for Roadway and Public Utilities and incidental purposes, recorded May 5, 2003 as Instrument No. 17012898 of Official Records.

In Favor of: City of Copertino, a municipal corporation

Affects: Said Land

- The terms and provisions contained in the document entitled "Notice Pursuant to Notice of Content to Use Land Colifornia Civil Code Section 813" recorded October 28, 2011 as Instrument No. 21387862 of Official Records
- Water rights, claims or title to water, whether or not shown by the public records.
- 14. Rights of parties in possession.
- 15. Any facts, rights, interests or claims which would be declosed by a correct ALTA/ACSM cargory

Prior to the issuance of any policy of title insurance, the Company will require:

- With respect to Parkside Trails, LLC, a Colifornia limited liability company:
 - a. A copy of its operating agreement and any amendments therefor
 - b. If it is a California horized hability company, that a certified copy of its articles of organization (IJ.C.1) and any confidente of correction (ELC.11), certificate of amendment (IJ.C.2), or considerment of articles of organization (ELC.10) be recorded in the public records;
 - If it is a foreign limited liability company, that a certified copy of its application for registration.
 (U.C.5) be recorded in the public records;
 - d. With respect to any deed, deed of troof, leave, sobordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or in-dramon; be exeruted in accordance with one of the following, as appropriate:
 - (i) If the limited hability company property operates through afficers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the charman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
 - (ii) If the limited hability company properly operates through a manager or managers identified in the articles of organization and/or duly effected pursuant to the terms of a written operating agreement, such disturbed must be executed by at least two such managers or by one manager if the limited hability company properly operates with the existence of only one manager.

 e. Other requirements which the Company may impose following its review of the material reduired herein and other information which the Company may require.
- An ALTA/ACSM survey of recent date which complies with the current minimum shardard detail ocquirements for ALTA/ACSM land title surveys.

INFORMATIONAL NOTES

Note: The policy to be readed may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitratic matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that espect this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be espect in connection with your transaction.

- The property covered by this report is vacant fand.
- According to the public records, there has been no conveyworn of the land within a period of twenty four months prior to the date of this report, except as follows:

A document recorded October 25, 2011, as Instrument No. 21383028 of Official Records.

From Poor Frog Investments, LLC, a California limited liability company

To Charles Corbale, and Linda Corbales, Trustees of the Corbales 1989. Interviews Trust

A document recorded October 25, 2011, as Instrument No. 21383029 of Official Records.

From: Charles Corbalis and Unida Corbalis, Trustees of the Corbalis 1989.

Intervivos frust

To: Parkvide Trails, LCC, a California limited liability company.

We find no open deeds of trust. Excraw please confirm before closing.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any hability for loss or damage which may result from reliance on this map except to the extent coverage for soch loss or damage is expressly provided by the terms and provisions of the title inscisions policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Cupertino , County of Santa Clara, State of California, described as follows:

A PORTION OF THE SOUTHWEST 1/4 OF SECTION 22, AND A PORTION OF THE NORTHWEST 1/4 OF SECTION 27, T/S, R2W, M.D.M.

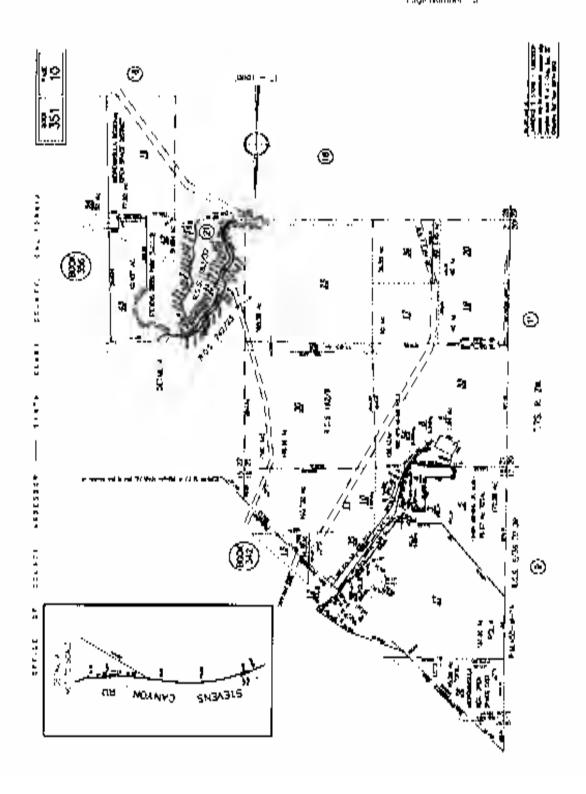
BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHWEST 1/4 OF SAID SECTION 22; THENCE ALONG THE NORTH LINE OF SAID SOUTHWEST 1/4 SOUTH 68° 09' 53" WEST 981,41 FEET TO THE NORTHWUST CORNER OF THAT CERTAIN 97.1222 ACRE TRACT OF LAND DESCRIBED IN THE DEED. FROM R.M. BYRON, ET UX, 10 M.D. ERICKSON AND A.T. COCCIARDI, DATED FEBRUARY 26, 1969, AND RECORDED MARCH 18, 1960 IN BOOK 4732 OF OFFICIAL RECORDS, AT PAGE 677, SANTA CLARA COUNTY RECORDS: THENCE ALONG THE WESTERLY LINE OF SAID PARCEL SOUTH 15" OF 53" WEST 121.72 FEET: SOUTH 65° 07' 40" WEST 55.94 FEET AND NORTH 85° 54' 05" WEST 136.71 FELT: THENCE LEAVING SAID WESTERLY LINE SOUTH 58° 28' 44" EAST 365.11 FEET; THENCE NORTH 68° 09' 53" FAST 155.00 FEFT; THENCE SOUTH 56° 02' 50" EAST 260.00 FEET; THENCE SOUTH 7° 15' 40" EAST. 344.00 FEET; THENCE SOUTH 36" 13" 30" WEST 371.58 FEFT; THENCE SOUTH 15" 33" 00 EAST 1508.86 TALL! TO A POINT IN THE SOUTH LINE OF THAT CERTAIN TRACT DESCRIBED IN THE DEED FROM T.B. LEWIS, ET AL, TO THE PRESIDENT AND BOARD OF TRUSTLES OF SANTA CLARA COLLEGE, A CORPORATION, DATED SEPTEMBER 12, 1893, AND RECORDED OCTOBER 27, 1893 IN BOOK 163 OF DEEDS, AT PAGE 422, SANTA CLARA COUNTY RECORDS: THENCE ALONG SAID SOUTH LINE SOUTH 89* 39' 00" BAST 7'50.00 FEET TO THE SQUTHEAST CORNER OF SAID TRACT; THENCE ALONG THE EAST LINE OF SAID TRACT AND THE FAST LINE OF THE AFORESAID SOUTHWEST 1/4 OF SECTION 22, T 7.5. R 2 W. M.D.M. NORTH 2" 05" 48" WEST 2649.54 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM ALL THAT PROPERTY DESCRIBED IN THAT CERTAIN GRANT DLCD TO THE CITY OF CUPERTING. A MUNICIPAL CORPORATION, RECORDED APRIL 7, 2000, AS DOCUMENT NO. 15206573 AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

SITUATE IN THE CITY OF CUPERTINO, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, AND BEING A PORTION OF "PARCEL ONE", AS SAID PARCEL IS DESCRIBED IN THAT CLRTAIN GRANT DEED FROM KAISER CEMENT CORPORATION TO PH PROPERTY DEVELOPMENT COMPANY, WHICH WAS RECORDED IN BOOK N742 OF OFFICIAL RECORDS, PAGE 2072, ON JANUARY 27, 1995, SANTA CLARA COUNTY RECORDS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY CORNER OF SAID PARCEL ONL; THENCE ALONG THE NORTHERLY LINE OF SAID PARCEL, SOUTH 88° 13' 03" WEST (SAID GRANT DECD BEARING STATED AS SOUTH 88° 09' 53" WEST), 897,17 FEET TO A POINT WHICH LIES NORTH 88° 13' 03" EAST 60.15 FEET FROM THE NORTHWESTERLY CORNER OF SAID PARCEL ONE; THENCE LEAVING SAID NORTHERLY LINE SOUTH 76" 88' 03" WEST 123,29 FEET TO ITS INTERSECTION WITH THE NORTHEASTERLY PROJECTION OF THE THENCE SOUTH 65" 07' 40" W. 85,94 FEET"; THENCE ALONG SAID NORTHEASTERLY PROJECTION SOUTH 64" 55' 08" WEST (SAID DEED BEARING STATED AS NORTH 65" 07' 40" EAST) 43,25 FEET TO THE SAID NORTHWESTERLY CORNER OF SAID PARCEL ONE; THENCE, ALONG SAID NORTHERLY LINE NORTH 88° 13' 03" FAST (SAID DEED BEARING STATED AS SOUTH 88° 09' 53" WEST) 60.15 FEET TO THE TRUE POINT OF BEGINNING.

APN: 351-10-028 and 351-10-043.



NOTICE

Section 12413.4 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrivy company handling funds in an escrivy or sub-escrivy capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by winy transfer to be despired the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local first American Office for more details.

Page Maraher 193

FXH(8)T A LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLYA/ALIA MOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10). EXCLUSIONS

In order to the Exercitaria in Neberlate II, You are not respect against you, coan, attendant free, and expensive resoluting free.

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 - (a) building. (d) improvements on the Land,
 - (b) $SOSP_{K}$ (c) Libert description is A.
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 - this fire as an observed continue coverage described in Covered ROCB at 113, 15, 16, 18, 19, 20, 24 at 24.
- She Salure of Your executed structures, or any part of them, to be constructed in accordance with applicable funding codes, of the Exclusive down on their Directors.
- The orbit to take the Local by condensing distance for the book end, and the exercise described in Covered Rek. 12.
- 4. 16 545
 - (a) that are created, attended, or agreed to by You, whether or not they are recorded in the halan Her and,
 - (11) that she Khawa to You of the Kowy Date, but not to be, series they are connicted in the Millia the gots of the Pilay High,
 - (c) that result in the results You, or
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- had been a military
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 - (b) in arribest, fallows, or waterways that town the raison
 - This has again does not that the coverage described in Covered Rock 11 or 21.
- After transfer of the Title to You is used that a professional transfer or in profession of professional transfer or incompanies used in professional transfer or incompanies used in professional transfer or incompanies and professional transfer or incompanies.

LIMITATIONS ON COVERED BISKS

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Covered Real District Policy Appeals of \$2,7483.00 (whichever in less)	\$ 10,1 0 10 OH
Covered Resk 18. Psycot Policy Amount to \$5,000 Off (whichever actions)	\$25,000 Oo
Covered Rock 19: 19c of Policy Atomotic of \$5,000.00 (whichever is less)	\$25,000,00
Covered Risk 21: 12: of Policy Assurption \$7,509,80 (whichever extens)	\$5,000.00

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87) EXCLUSIONS

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 - (b) in three to follows on well-ready, that look hyporchieft

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2006 M TA LOAN POLICY (06-L7-06) EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of the policy, and the Company world cay loss or damage, each, assumey. They, or expanses that more by reason of:

- On Any law inclination, promet, or governmental regulation (inclinding those mating to our singular sound) restorance, regulating, professional or reading to.
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or the effect of any volumes of these case, arbitatives, of queen mental regulations. This fundamental paying may be a consistent property provided project sweeter that the

- (b) Any discensional police process. The first manner (10) does not couplify as like 1 the coverage possibled under Covered Refers.
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 - (c) resulting in these or damage that words from have been suggested from the formers Carriag read pair value for the bearing Morgage
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EXCEPTIONS FROM COVERAGE

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2006 ALTA ÓWNEK'S POLICY (OB. 17-08) EXCLUSIONS FROM COVERAGE

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EXCEPTIONS FROM COVERAGE

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ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10) EXCLUSIONS FROM COVERAGE

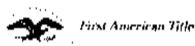
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Page Lot 1

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APPENDIX E

A P P E N D

ENVIRONMENTAL DATA RESOURCES, INC.

Aerial Photo Decade Package



Parkside Trails

Stevens Canyon Rd Cupertino, CA 95014

Inquiry Number: 3513752.5

February 08, 2013

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography February 08, 2013

Target Property:

Stevens Canyon Rd

Cupertino, CA 95014

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939 Best Copy Available from original source	Fairchild
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Aero
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1991	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1991	EDR
1999	Aerial Photograph. Scale: 1"=500'	Flight Year: 1999	WAC
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR





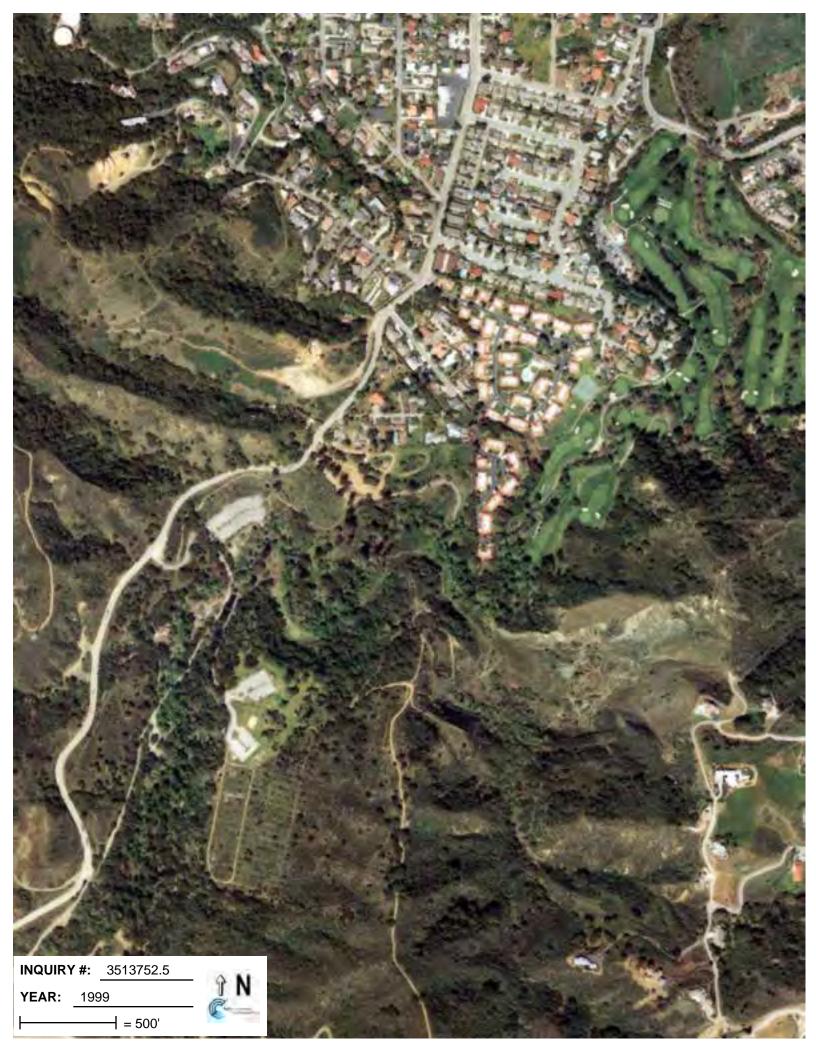


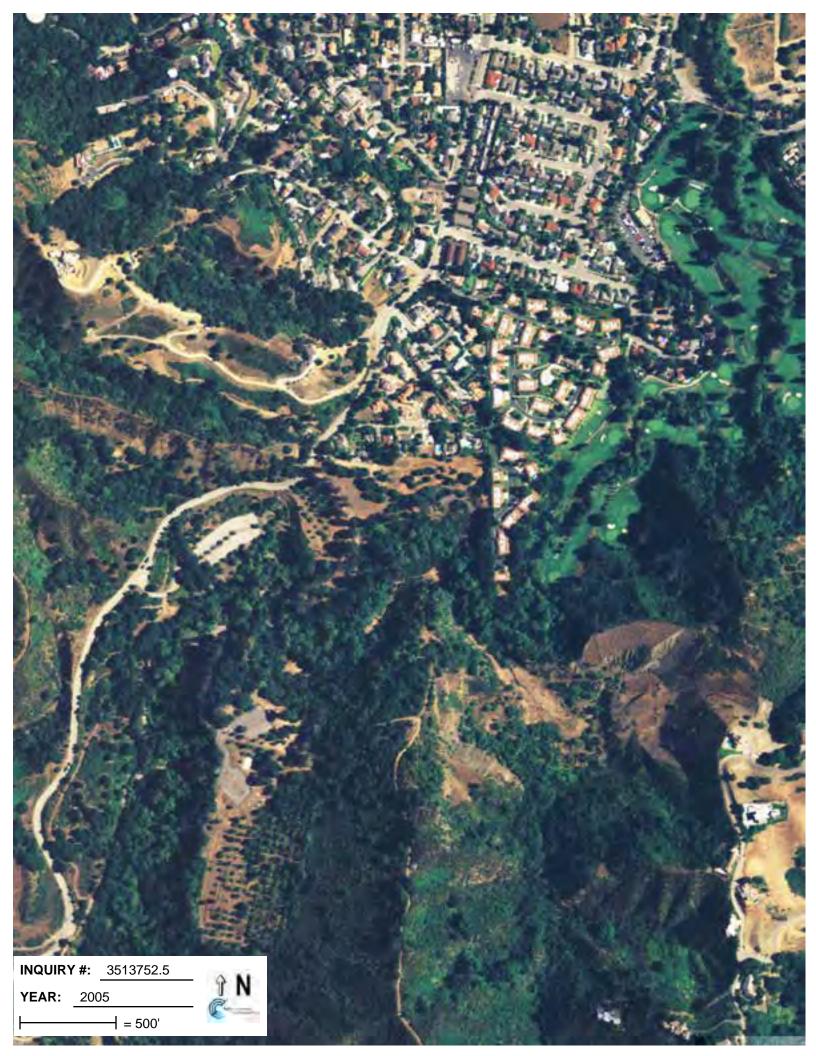






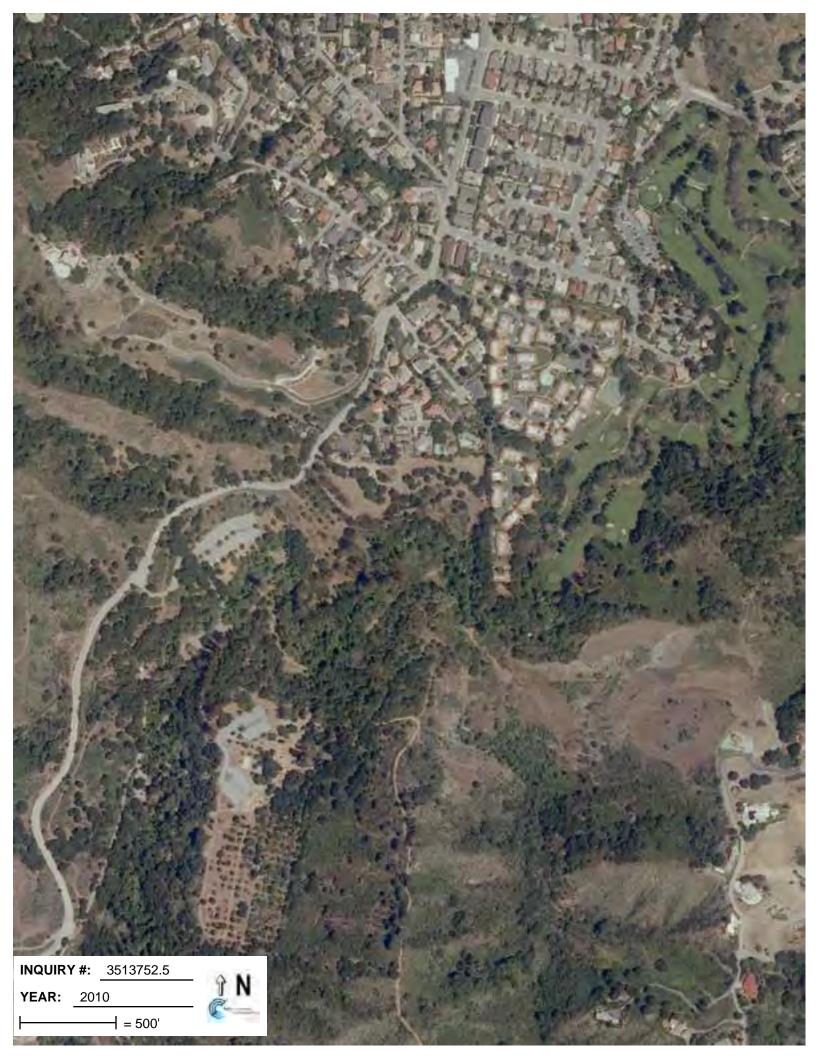












APPENDIX F

ENVIRONMENTAL DATA RESOURCES, INC.

City Directory



F



Parkside Trails

Stevens Canyon Rd Cupertino, CA 95014

Inquiry Number: 3513752.6

February 12, 2013

The EDR-City Directory Image Report



TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING. WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2010	$\overline{\checkmark}$		Haines Criss-Cross Directory
2005	$\overline{\checkmark}$		Haines Criss-Cross Directory
2000	$\overline{\checkmark}$		Haines Criss-Cross Directory
1996	$\overline{\checkmark}$		Haines Criss-Cross Directory
1991	$\overline{\checkmark}$		Haines Criss-Cross Directory
1986	$\overline{\checkmark}$		Haines Criss-Cross Directory
1980	$\overline{\checkmark}$		Haines Criss-Cross Directory
1975	\square		Haines Criss-Cross Directory
1970	$\overline{\checkmark}$		Haines Criss-Cross Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

Stevens Canyon Rd Cupertino, CA 95014

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
Stevens C	Canyon Rd	
2010	pg A1	Haines Criss-Cross Directory
2005	pg A2	Haines Criss-Cross Directory
2000	pg A3	Haines Criss-Cross Directory
2000	pg A4	Haines Criss-Cross Directory
1996	pg A5	Haines Criss-Cross Directory
1991	pg A6	Haines Criss-Cross Directory
1986	pg A7	Haines Criss-Cross Directory
1980	pg A8	Haines Criss-Cross Directory
1975	pg A9	Haines Criss-Cross Directory
1970	pg A10	Haines Criss-Cross Directory

3513752-6 Page 2

FINDINGS

CROSS STREETS

No Cross Streets Identified

3513752-6 Page 3



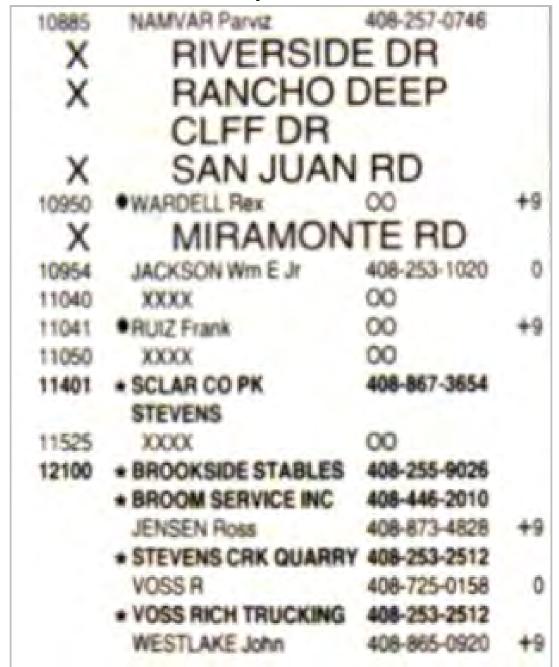
		Stevens Carryon Ru	2010	
	10825	POTHINENI Ravi	00	7
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	10875	XXXX	00	
	X	SAN JUAN	RD	
	10885	XXXX	00	
	X	MIRAMON'	TE RD	
	10950	RAMCHANDANI Rajesh	00	6
	10952	STEWART Roger	00	7
	10954	ELLIOTT-LIND Emir	00	6
	X	RICARDO	RD	
	11401	* COUNTY OF SCLAR STEVENS CRK PK	408-867-3654	9
	12100	* BROOKSIDE STABLES	408-255-9026	
		* BROOM SERVICE INC		
		VOSS R	408-725-0158	
		* VOSS RICH TRUCKING	408-253-2512	
X MONT		MONTEBE	LLO RD	
	13325	o CONSIGNY Scott	408-867-3600	
	13326	* STATE OF CA STEVENS CREEK	408-867 - 3682	8
	13851	* CAMP COSTANOAN	408-867-1115	
		WEBER Rick A	408-872-0939	4
	X	MOUNT ED	DEN RD	
	15527	 CHAN Thomas 	00	4
		HAN Maxine	408-741-5098	4
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	15531	◆ ● AHLERS Martin	00	2
		♣ COCHELL Jason	408-872-0218	+ 0



Cross Street

Source
Haines Criss-Cross Directory

2000



Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

Stevens Canyon Rd

2000



<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

- Haines Criss-Cross Directory

	Citationic Carry Ciri Ku		
10885	NAMVAR Parviz WARDELL Rex	257-0746	
10950	WARDELL Rex	00	-4
10954	JACKSON Wm E Jr	253-1020	0
11040	XXXX	00	
11041	XXXX	00	
11050	XXXX	00	
11401	*SCLAR CO PK STEVENS	867-3654	
11525	XXXX	00	
12100	*BROOKSIDE STABLES	255-9026	
	*BROOM SERVICE INC	446-2010	
	*LARRY MATRE BROOM	446-2010	
	LYNAM Bryan J	253-7997	+5
	REGNART Herbert	257-4056	
	*STEVENS CRK QUARRY	253-2512	
	VOSS R	725-0158	(
	*VOSS RICH MATERIALS	973-9188	4
	* VOSS RICH TRUCKING	253-2512	7
	*YUBA TRUCKING INC	255-4204	+5
13325	CONSIGNY Peter J	867-4447	
13326	*CA ST FRSTRY STA	867-3682	
13851	*CAMP COSTANOAN	867-1115	
	* CRIPPLED CHLDS SOC	867-1115	
15527	MAY Donald	00	+5

Target Street Cross Street Source

→ Haines Criss-Cross Directory

10885	NAMVAR Perviz	257-0746
10950	XXXX	00
10954	JACKSON Wm E Jr	253-1020 +0
11040	XXXX	00
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11401	*SCLAR CO PK STEVENS	867-3654 1
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	*BROOM SERVICE	446-2010
	*LARRY MATRE BROOM	446-2010
	*REGNART HERBERT	257-4056
	*STEVENS CRK QUARRY	253-2512 2
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13325	CONSIGNY M	867-1522 6
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	*CONSIGNY N	867-9022
	CONSIGNY Peter J	867-4447 1
13326	*CA ST FRSTRY STA	867-3682 4
13851	*CAMP COSTANOAN	867-1115
	*CRIPPLED CHLDS SOC	867-1115
Q UNA	JAMES Malcolm	741-5587 +0
15527	MAY D	741-5098 7
	MAY D A	741-1272 2

Haines Criss-Cross Directory

10885	NAMVAR PARVIZ	257-0746
	THOMPSON MARK A	973-0978 +6
	THOMPSON PAM S	973-0978 +6
10950	XXXX	00
10954	BELL CLYDE	996-9538 3
11040	XXXX	00
11041	GUIDOTTI ANGELO	252-5119
11050	XXXX	00
11401	*SCLAR CO PK STEVENS	867-3654 1
11525	XXXX	00
12100	*BROOKSIDE STABLES	255-9026 5
	*BROOM SERVICE	446-2010 B
	*JACKSON TRUCKING	374-7714+6
	*LARRY MATRE BROOM	446-2010 8
	*PAC WEST TRAINING	252-3618+6
	REGNART HERBERT	257-4056 9
	*RICH VOSS TRUCKING	253-2512 1
No.	*STEVENS CRK QUARRY	253-2512 2
13325	CONSIGNY M	867-1522 +6
	CONSIGNY PETER J	867-4447 1
	GARNER DAVID	867-9022 5
	SHORR JACK	867-7136
13326	*CA ST FRSTRY STA	867-3682 4
13650	XXXX	00
13851	CAMP COSTANOAN	867-1115
	DIONNE JOHN E	741-5093 5

Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

10852	XXXX	00
10875	SIMMONS KURT	446-1541 8
10885	NAMVAR PARVIZ	257-0746 5
10950	WARDELL REX D	253-2382
10954	BELL CLYDE	252-8579+0
11041	GUIDOTTI ANGELO	252-5119
11401	CO SC STEVENS CRK	867-3654
	YOUNG RALEIGH W	996-0798 4
11525	XXXX	00
12100	BROOM SERVICE	446-2010 B
	LARRY MATRE BRM SV	446-2010 8
	REGNART HERBERT	257-4056 9
	STEVENS CRK QUARRY	253-2512
	VOSS A	252-3242
13325	CONSIGHY PETER J	867-4447 +0
	SHORR JACK	867-7136 6
13650	WORTMAN MICHAEL	867-5669 5
13851	XXXX	00
15527	MEDEIROS EDWIN	867-5083 7

1975

Haines Criss-Cross Directory

10852 XXXX	00
10875 STADJUHAR MARK	446-1054+5
10885 MICHAEL L	446-5483+5
NAMVAR PARVIZ	257-0746+5
10950 WARDELL REX D	253-2382
10954 MENAKER STEVEN MD	257-6686 2
11041 GUIDOTTI ANGELO	252-5119
11401*STACLAR CO PRKEREC	867-3654+5
YOUNG RALEIGH W	996-0798 4
11525 WUNDERLICH WM	968-2678 1
12100*BROOM SERVICE	253-2575
*LARRY MATRE BRM SV	253-2575 3
*STEVENS CRK QUARRY	253-2512
VOSS A	252-3242
13325 HENRICH CHRIS	867-3558+5
13650 BOISSEVAIN SASKIA	867-6132+5
PACHER JOYCE	867-5669+5
WORTMAN MICHAEL	867-5669+5
13851 XXXX	00
15531*LAUREL PARK	867-6644+5

Target Street

Cross Street

<u>Source</u>

1970

Haines Criss-Cross Directory

10852 STOKES ROBT	253-1430
10875 NAMVAR PARVIZ	257-0746
10885 CARPENTER HELEN	252-0895
10950 WARDELL REX D	253-2382
10954 SASNETT MICHAEL W	257-1369
11041 GUIDOTTI ANGELO	252-5119
11525 SHEHTANIAN ROBT A	252-1493
TAUBE HERMAN H A	257-2858
12100*BROOM SERVICE	253-2575
*STEVENS CRK QUARRY	253-2512
VOSS A	252-3242
13325 BROWNING JACK L	867-0398
13851*REDWOOD GLEN SCHOOL	867-4416
15531 BERNARD LAWRENCE JR	867-4353
DONOVAN MICHAEL	
LACEY J H	867-0245
*LAUREL PARK	
15601 HALL E GERALD	867-3613

APPENDIX G

Environmental Site Assessment Questionnaires

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Z010 Crow Canyon Place = Suite 250 = San Ramon, CA 94583	(925) 866-9000 • Fax (888) 279-2698
2213 Plaza Drive * Rocklin, CA 95765	(916) 786-8883 = Fax (888) 279-2698
332 Pine Street * Suite 300 * San Francisco, CA 94104	(415) 284-9900 + Fax (888) 279-2698
6399 San Ignacio Avenue • Suite 150 • San Jose, CA 95119	(408) 574-4900 + Fax (888) 279-2698
580 N. Wilma Avenue* Suite A * Ripon, CA 95366	(209) 835-0610 • Fax (888) 279-2698
17675 Sierra Highway • Santa Clarita, CA 91351	(661) 257-4004 · Fax (888) 279-2698

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE FOR CLIENT

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be completed by the user of the phase one environmental site assessment, or their authorized representative.

PART 1

1 Property address and Assessor's Parcel Number (APN):

STEVENS CANYON RD. COPERTINO, CA

2. Current property owner (name, address, voice/fax number):

PARKSIDE TRAILS LLC V. 408-656 8230 19357 ZINFANDEL CT F. VO8-867-1892

3. Date current property owner assumed title of property:

JAN 2011

4. Eurrent property development/improvements:

NONE - WORKING THROUGH ENTITEEMENT PROTESS

5. Past property use, development/improvements:

NONE

6. Neighboring property uses:

RESIDENTIAL HOUSING, COUNTY PARK



PART II

tribal, local ne state law?

2:	Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribul, state or local law?	Yes	No.	
.j.	Do you have any specialized knowledge or experience related to the property or nearby properties? For example are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Yes	No.	
	16	7		
oh	If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this property reasonably reflect the fair market value of the property? If you considered that there is a difference, have you considered whether the lower purchase price is	Ves.	No.	
	because contamination is known or believed to be present at the property? WA	two	questions	
-5,	Are you aware of any commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,	Yes	No	
	(a) do you know of specific chemicals that are present or once were present at the property? (b) do you know of spills or other chemical releases that have taken place at the property? (c) do you know of any environmental cleanups that have taken place at the property? SEE DAMES MOCRE REPORT			
6.	Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Yes	No.	
	es" response was provided to any of the above questions, please provide details below: 4. What 3. DON'T UNDER STAND WHAT YOU WANT 5. See Dames Moore Report	iteR,	E	
Locality II	nat the information berein is true and correct to the best of my knowledge as of the date signed below.			
Name (Pr	inned Types): Charles M. Corbalis, Member, Per	les	le Track	110
Signature	BM Centals Date: 2/16/2013			

Are you aware of any environmental cleanop liens against the property that are filed under federal,

APPENDIX H

Qualification(s) of Environmental Professional(s)

A P P E N D I

H



EDUCATION

BS, Geology, University of Massachusetts, Amherst, 1975

MS, Geology, California State University, Hayward, 1988

EXPERIENCE

Years with ENGEO: 32 Years with Other Firms: 3

REGISTRATIONS & CERTIFICATIONS

Certified Engineering Geologist, CA, 1256

Certified Hydrogeologist, CA, 460 Registered Environmental Assessor, CA, 923

Professional Geologist, CA, 4030

SPECIALIZATIONS

- Environmental Assessments and Remediation
- Geologic Hazard Evaluation
- Hillside Grading
- Landslide Investigations and Repairs
- Water Wells/Hydrogeology

AFFILIATIONS

OBA - Oakland Builders Alliance

San Francisco Housing Action Coalition

SPUR

BRIAN FLAHERTY, CEG, CHG, REA I PRINCIPAL GEOLOGIST

Mr. Flaherty has more than 30 years of diverse experience in the fields of engineering geology, geologic hazard evaluation and mitigation, and hydrogeology. During that time he has also managed and completed numerous soil and ground water characterization studies, environmental assessments, and the design and implementation of soil and ground water remediation systems. During his professional career he has worked on small to large residential developments, commercial developments, industrial business parks, military base re-use projects, water storage facilities, transportation projects and educational facilities throughout California.

Mr. Flaherty's geologic project experience includes geotechnical, geologic and earthquake hazard evaluation for projects throughout the San Francisco Bay Area. His work as a geologist has included landslide hazard mapping and assessment, slope stability evaluation, structural and rock mechanic analysis of bedrock slopes, earthquake fault hazard explorations, and preparation of Geologic Hazard Abatement District (GHAD) plans of control and monitoring.

Select Project Experience

Phelan Loop Development—San Francisco, CA

Project Manager. Mr. Flaherty provided project management and principal review for during preparation of a phase I and phase II environmental site assessment for the Phelan Loop project site is located at the site of a MUNI bus turnaround, near the intersection of Phelan Avenue and Ocean Avenue, in San Francisco, California. The Phelan Loop project site is located at the site of a MUNI bus turnaround, near the intersection of Phelan Avenue and Ocean Avenue, in San Francisco, California. The proposed housing development will create approximately 60 units of supportive housing for low-income families and transitional aged youth (TAY).

11th Street Four Story Mixed Use Development—San Francisco, CA

Project Manager. Mr. Flaherty's duties included phase one and two environmental assessment, development and implementation of a geotechnical exploration using both conventional auger drilling and cone penetration testing. ENGEO is the geotechnical and environmental consultant for a proposed multi-use building at 340-350 11th Street. T his 4-



level wood-framed residential development will include 16 townhouse units with 2-level townhouses above 2-level townhouses. The structure will be set on a concrete podium containing ground floor commercial space above one level of underground parking. Geotechnical constraints included a high water table, liquefiable soil, building constraints and environmental soil and groundwater contamination.

Docktown Marina—Redwood City, CA

Project Manager. Mr. Flaherty managed the phase II environmental assessment to identify possible recognized environmental conditions associated with past property use as a vehicle and boat maintenance areas and as a former tannery facility. The Docktown Marina study involved two land use plans under consideration; four-story over two-story podium structures located around the perimeter of the site or two four-story residential buildings wrapped around two four-story parking structures.

1150 Ocean Avenue—San Francisco, CA

Project Manager. Mr. Flaherty prepared the geotechnical exploration and a phase II environmental site assessment for this mixed use project. Site concerns include possible soil and groundwater contamination from hydraulic lifts and the impact of a high groundwater table on the planned underground parking structure. A four-level wood-framed mixed-use residential development is planned with about 150 apartment units. The structure will be set on a concrete podium with about 30,000 square feet of retail commercial space above one level of underground parking.

Terminal One, Brickyard Cove—Richmond, CA

Principal in Charge. Mr. Flaherty provided expert environmental review of the Remedial Investigation Report and the Feasibility Study including consultation with the Regional Water Control Board (RWQCB). The purpose was to evaluate the findings and recommendations of an environmental consultant's reports to determine if the property could be developed for a multi family residential use. The Terminal One property includes approximately 12 acres of Bay margin land south of Brickyard Cove Road in Point Richmond, California. The site was previously used by both public and private entities primarily for the processing, transferring, and storage of bulk liquids.

The current project development concept included a high-density residential constructions with a large, central multi-unit "podium structure" and approximately 5 smaller multi-unit podium structures totaling approximately 272 housing units.

Redwood Road, Chevron—Oakland, CA

Project Manager. Mr. Flaherty reviewed the site history and prepared a work plan for regulatory agency approval to characterize reported soil contamination beneath a former fueling station ENGEO provided environmental services to remove the former LUST designated facility from the county's list of contaminated properties

Marina District Various PG&E Sites—San Francisco, CA

Project Manager. Mr. Flaherty managed the compilation and review of historic maps and air photographs, consultants reports, and archival records to help establish the histroy of development and filling in the Marina District of San Francisco. Efforts included the



development of a fill sequence timeline in the neighborhood and a graphic video showing three dimensional views of the various sequences of fill. ENGEO undertook an extensive review of public and private documents and photographs to develop a timeline for the placement of fill in the Marina District of San Francisco

Monarch Village - Senior Housing—Daly City, CA

Project Manager. Mr. Flaherty led the geotechnical and environmental review of the site conditions during the project design phase actively working with the owner and contractor. He also oversaw the site grading providing guidance for the characterization and disposal of contaminated soils Attached senior housing complex with construction of a three-story building over two levels of garage, two retail buildings, and related landscape and hardscape improvements with on-grade paved parking.

Tidewater Avenue—San Francisco, CA

Project Manager. Mr. Flaherty provided geotechnical and environmental consultation services to a group of industrial property owners located within the boundaries of the City of Oakland's Central Estuary Plan area. Mr. Flaherty has reviewed geotechnical engineering reports, geohazards (liquefaction analysis) reports and phase I and II environmental site assessment reports for the various property owners. He has provided input to the owners with regard to the various redevelopment plans considered by the City of Oakland and responded to requests by the owners to clarify City directives and requests made to the owners regarding access and use of their parcels by City of Oakland environmental consultants. ENGEO provided as-needed geotechnical and environmental consultation services to a group of industrial property owners located within the City of Oakland's Central Estuary Plan area.

Ashby Arts Mixed Use Development—Berkeley, CA

Project Manager. Mr. Flaherty managed and completed the project geotechnical exploration and provided environmental consultation to the design team. The Ashby Arts development consists of a five-story mixed-used podium structure. The ground level will contain retail and parking spaces while the 2nd to 5th floors will be 1-to-2 bedroom residential units along with common areas for the residents' use.

Hunters Point Shipyard Redevelopment, 'Parcel A'—San Francisco, CA

Principal Geologist. Mr. Flaherty was Principal in Charge for the geotechnical, geologic, and hydrologic design for the development of Parcel A at the Hunters Point Shipyard. He managed the production of the project geotechnical exploration report and the analysis and development of the project corrective grading plans and storm water management plan. He managed the mapping of the project bedrock and the implementation of a bedrock screening and sampling program to test for naturally-occurring asbestos in the site bedrock. The 70-acre project includes 1,800 residential units, approximately 25 acres of parks and open space, limited retail, and supporting infrastructure and roadways. Site preparation included construction of terraced soil nail walls and mechanically stabilized earth walls, geotechnical remediation of 13 landslides totaling over 500,000 cubic yards of soil, and project grading totaling nearly 1.5 million cubic yards.





Project No. **10014.000.000**

March 14, 2013 Revised March 27, 2014

Mr. Craig Champion Standard Pacific Homes 3825 Hopyard Road, Suite 275 Pleasanton, CA 94588

Subject: Parkside Trails

Cupertino, California

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Reference: ENGEO; Phase I Environmental Site Assessment, Parkside Trails, Cupertino,

California, February 22, 2013; Project No. 10014.000.000.

Dear Mr. Champion:

At your request, a Phase II Environmental Site Assessment was performed on the subject property off of Stevens Canyon Road in Cupertino, California. ENGEO previously provided the referenced phase I environmental site assessment (ESA) for the property. The ESA found that the southwestern portion of the property had previously been used as an orchard. It is conceivable that the residual levels of persistent pesticides may remain in surface soils. Consequently, an agrichemical impact assessment was recommended to determine if near-surface soils had been impacted by agricultural activities in this area. The study area in the southwestern corner of the property encompasses approximately 1.3 acres.

Field work was conducted on March 5, 2013. A total of four discrete soil samples were collected using laboratory supplied 4-ounce collection jars. The samples were recovered between approximately 3 to 9 inches below the ground surface at the approximate locations depicted in Figure 2. The samples were labeled to indicate a unique sample number, sample location, time and date collected, and the sampler's identification. Samples were preserved in a chilled cooler and transported to Test America Laboratories in Pleasanton, California under documented chain-of-custody.

Laboratory analysis of the soil samples included the following target analytes:

- Organochlorine Pesticides (EPA Method 8081) 4 discrete samples.
- Arsenic (EPA Methods 200.7/6010) 4 discrete samples.

The reported organochlorine pesticide levels for the discrete soil samples were non-detect with respect to laboratory reporting limits.

Standard Pacific Homes
Parkside Trails
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

10014.000.000 March 14, 2013 Revised March 27, 2014 Page 2

Reported arsenic levels for the discrete soil samples ranged from 1.4 milligrams per kilogram (mg/kg) to 1.7 mg/kg, with an average mean of 1.55 mg/kg. The recorded sample results for arsenic were above Direct-Exposure Screening Levels (Residential Scenario) as established by the San Francisco Bay Regional Water Quality Control Board; however, they are consistent with typical background concentrations. The laboratory report is provided in Appendix A.

If you have any questions or comments regarding this letter, please call and we will be glad to discuss them with you.

Brian Flaherty, CEG, CH

Sincerely,

ENGEO Incorporated

J. Brooks Ramsdell, CEG

jbr/bf/jf

Attachments: Figure 1 - Vicinity Map

Figure 2 - Site Plan

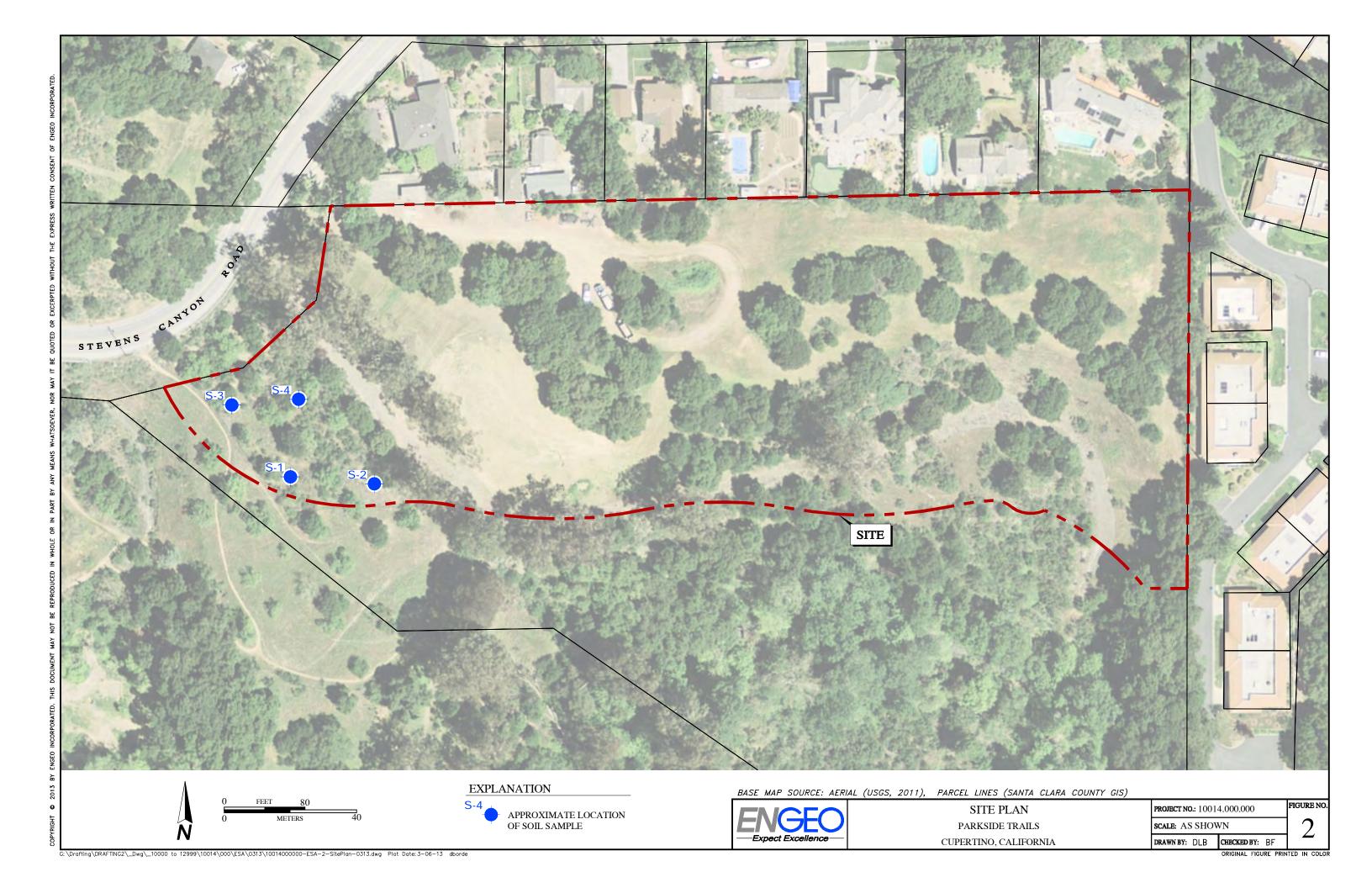
 $Appendix \ A-Test \ America \ Laboratories$



FIGURES

Figure 1 - Vicinity Map Figure 2 - Site Plan







APPENDIX A

Test America Laboratories







ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton 1220 Quarry Lane Pleasanton, CA 94566 Tel: (925)484-1919

TestAmerica Job ID: 720-48144-1 Client Project/Site: Parkside Trails

For:

Engeo, Inc. 2010 Crow Canyon Place Suite 250 San Ramon, California 94583

Attn: Mr. Jeff Adams



Authorized for release by: 3/12/2013 8:58:35 AM Onieka Howard Project Manager I onieka.howard@testamericainc.com

Designee for

Afsaneh Salimpour Project Manager I afsaneh.salimpour@testamericainc.com

LINKS

Review your project results through

Total Access

Have a Question?

www.testamericainc.com

Visit us at:

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Engeo, Inc. Project/Site: Parkside Trails TestAmerica Job ID: 720-48144-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	13
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

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Definitions/Glossary

Client: Engeo, Inc.

Project/Site: Parkside Trails

TestAmerica Job ID: 720-48144-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description	
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a	_
	dilution may be flagged with a D.	
X	Surrogate is outside control limits	
р	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.	

Glossary

TEF

TEQ

Toxicity Equivalent Factor (Dioxin)

Toxicity Equivalent Quotient (Dioxin)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Case Narrative

Client: Engeo, Inc.

Project/Site: Parkside Trails

TestAmerica Job ID: 720-48144-1

Job ID: 720-48144-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-48144-1

Comments

No additional comments.

Receipt

The samples were received on 3/5/2013 12:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

GC Semi VOA

Method(s) 8081A: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: S-2 (720-48144-2).

Method(s) 8081A: The following samples were diluted due to color. S-1 (720-48144-1), S-2 (720-48144-2), S-3 (720-48144-3), and S-4 (720-48144-4). Elevated reporting limits (RL) are provided.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

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Detection Summary

Client: Engeo, Inc.

Project/Site: Parkside Trails

Client Sample ID: S-1

TestAmerica Job ID: 720-48144-1

Lab Sample ID	: 720-48144-1
---------------	---------------

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Arsenic	1.5	0.92	mg/Kg	1	6010B	Total/NA

Lab Sample ID: 720-48144-2 Client Sample ID: S-2

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D Method	Prep Type
Arsenic	1.7	0.93	mg/Kg	1 6010B	Total/NA

Client Sample ID: S-3 Lab Sample ID: 720-48144-3

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D Method	Prep Type
Arsenic	1.6	0.93	mg/Kg	1 6010B	Total/NA

Client Sample ID: S-4 Lab Sample ID: 720-48144-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	U N	/lethod	Prep Type
Arsenic	1.4		0.95		mg/Kg	1	01	010B	Total/NA

TestAmerica Job ID: 720-48144-1

Client: Engeo, Inc. Project/Site: Parkside Trails

Client Sample ID: S-1

Date Collected: 03/05/13 10:20

Date Received: 03/05/13 12:12

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: 720-48144-1

Matrix: Solid

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Dieldrin	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endrin aldehyde	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endrin	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endrin ketone	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Heptachlor	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Heptachlor epoxide	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
4,4'-DDT	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
4,4'-DDE	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
4,4'-DDD	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endosulfan I	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endosulfan II	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
alpha-BHC	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
beta-BHC	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
gamma-BHC (Lindane)	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
delta-BHC	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Endosulfan sulfate	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Methoxychlor	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Toxaphene	ND	190	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
Chlordane (technical)	ND	190	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
alpha-Chlordane	ND	9.7	ug/Kg		03/06/13 11:12	03/08/13 03:59	5
gamma-Chlordane	ND	9.7	ua/Ka		03/06/13 11:12	03/08/13 03:59	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	110		57 - 122	03/06/13 11:12	03/08/13 03:59	5
DCB Decachlorobiphenyl	91		21 - 136	03/06/13 11:12	03/08/13 03:59	5

Client Sample ID: S-2 Lab Sample ID: 720-48144-2 Date Collected: 03/05/13 10:30 **Matrix: Solid**

Date Received: 03/05/13 12:12							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Dieldrin	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endrin aldehyde	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endrin	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endrin ketone	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Heptachlor	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Heptachlor epoxide	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
4,4'-DDT	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
4,4'-DDE	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
4,4'-DDD	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endosulfan I	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endosulfan II	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
alpha-BHC	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
beta-BHC	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
gamma-BHC (Lindane)	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
delta-BHC	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Endosulfan sulfate	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Methoxychlor	ND	20	ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Toxaphene	ND	390	ug/Kg		03/06/13 11:12	03/08/13 04:15	10

TestAmerica Pleasanton

Page 6 of 19

3/12/2013

TestAmerica Job ID: 720-48144-1

Lab Sample ID: 720-48144-2

Client: Engeo, Inc. Project/Site: Parkside Trails

Client Sample ID: S-2

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Date Collected: 03/05/13 10:30								Matri	x: Solid
Date Received: 03/05/13 12:12									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		390		ug/Kg		03/06/13 11:12	03/08/13 04:15	10
alpha-Chlordane	ND		20		ug/Kg		03/06/13 11:12	03/08/13 04:15	10
gamma-Chlordane	ND		20		ug/Kg		03/06/13 11:12	03/08/13 04:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		X D	57 - 122				03/06/13 11:12	03/08/13 04:15	10
DCB Decachlorobiphenyl	0	XD	21 - 136				03/06/13 11:12	03/08/13 04:15	10

Client Sample ID: S-3 Lab Sample ID: 720-48144-3 Date Collected: 03/05/13 10:35 **Matrix: Solid** Date Received: 03/05/13 12:12 Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Aldrin 03/08/13 04:32 ND 10 ug/Kg 03/06/13 11:12 5 Dieldrin ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 Endrin aldehyde ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5

Endrin ND 10 03/06/13 11:12 03/08/13 04:32 5 ug/Kg Endrin ketone ND 10 03/06/13 11:12 03/08/13 04:32 ug/Kg 5 Heptachlor ND 10 03/06/13 11:12 03/08/13 04:32 ug/Kg Heptachlor epoxide ND 10 03/06/13 11:12 03/08/13 04:32 5 ug/Kg 4,4'-DDT ND 10 03/06/13 11:12 03/08/13 04:32 5 ug/Kg 4,4'-DDE ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 4.4'-DDD ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 Endosulfan I ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 Endosulfan II ND 10 03/06/13 11:12 03/08/13 04:32 5 ug/Kg alpha-BHC ND 10 03/06/13 11:12 5 ug/Kg 03/08/13 04:32 beta-BHC ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 gamma-BHC (Lindane) ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 delta-BHC ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 Endosulfan sulfate ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 Methoxychlor ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 ND 200 5 Toxaphene 03/06/13 11:12 03/08/13 04:32 ug/Kg Chlordane (technical) ND 200 ug/Kg 03/06/13 11:12 03/08/13 04:32 5 5 alpha-Chlordane ND 10 03/06/13 11:12 03/08/13 04:32 ug/Kg gamma-Chlordane ND 10 ug/Kg 03/06/13 11:12 03/08/13 04:32 5

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	110	57 - 122	03/06/13 11:12	03/08/13 04:32	5
DCB Decachlorobiphenyl	58 p	21 - 136	03/06/13 11:12	03/08/13 04:32	5

Client Sample ID: S-4 Lab Sample ID: 720-48144-4 Date Collected: 03/05/13 10:40 **Matrix: Solid** Date Received: 03/05/13 12:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Dieldrin	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endrin aldehyde	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endrin	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endrin ketone	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Heptachlor	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Heptachlor epoxide	ND		9.8		ug/Kg		03/06/13 11:12	03/08/13 04:49	5

TestAmerica Pleasanton

Page 7 of 19

3/12/2013

Client Sample Results

Client: Engeo, Inc. TestAmerica Job ID: 720-48144-1

Project/Site: Parkside Trails

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: S-4	Lab Sample ID: 720-48144-4
Date Collected: 03/05/13 10:40	Matrix: Solid
Date Received: 03/05/13 12:12	

Date Received: 03/05/13 12:12							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
4,4'-DDE	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
4,4'-DDD	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endosulfan I	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endosulfan II	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
alpha-BHC	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
beta-BHC	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
gamma-BHC (Lindane)	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
delta-BHC	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Endosulfan sulfate	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Methoxychlor	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Toxaphene	ND	200	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
Chlordane (technical)	ND	200	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
alpha-Chlordane	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5
gamma-Chlordane	ND	9.8	ug/Kg		03/06/13 11:12	03/08/13 04:49	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		57 - 122	03/06/13 11:12	03/08/13 04:49	5
DCB Decachlorobiphenyl	95		21 - 136	03/06/13 11:12	03/08/13 04:49	5

Client Sample Results

Client: Engeo, Inc.

TestAmerica Job ID: 720-48144-1

Project/Site: Parkside Trails

Result Qualifier

1.4

Method: 6010B - Metals (ICP)

Analyte

Arsenic

Client Sample ID: S-1							Lab S	Sample ID: 720-	48144-1
Date Collected: 03/05/13 10:20								Matri	x: Solid
Date Received: 03/05/13 12:12									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5		0.92		mg/Kg		03/06/13 17:26	03/09/13 00:27	1
Client Sample ID: S-2							Lab S	Sample ID: 720-	48144-2
Date Collected: 03/05/13 10:30								Matri	x: Solid
Date Received: 03/05/13 12:12									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.93		mg/Kg		03/06/13 17:26	03/09/13 00:40	1
Client Sample ID: S-3							Lab S	Sample ID: 720-	48144-3
Date Collected: 03/05/13 10:35								Matri	x: Solid
Date Received: 03/05/13 12:12									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		0.93		mg/Kg		03/06/13 17:26	03/09/13 00:45	1
Client Sample ID: S-4							Lab S	Sample ID: 720-	48144-4
Date Collected: 03/05/13 10:40								•	x: Solid
Date Received: 03/05/13 12:12									

RL

0.95

MDL Unit

mg/Kg

Prepared

03/06/13 17:26

Analyzed

03/09/13 00:49

3/12/2013

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Dil Fac

TestAmerica Job ID: 720-48144-1

Client: Engeo, Inc.

Project/Site: Parkside Trails

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-131785/1-A

Matrix: Solid

Analysis Batch: 131879

Client Sample ID: Method Blank **Prep Type: Total/NA**

Prep Batch: 131785

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Dieldrin	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endrin aldehyde	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endrin	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endrin ketone	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Heptachlor	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Heptachlor epoxide	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
4,4'-DDT	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
4,4'-DDE	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
4,4'-DDD	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endosulfan I	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endosulfan II	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
alpha-BHC	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
beta-BHC	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
delta-BHC	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Endosulfan sulfate	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Methoxychlor	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Toxaphene	ND		39		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
Chlordane (technical)	ND		39		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
alpha-Chlordane	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1
gamma-Chlordane	ND		1.9		ug/Kg		03/06/13 11:12	03/07/13 21:18	1

MB MB

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89	57 - 122	03/06/13 11:12	03/07/13 21:18	1
DCB Decachlorobiphenyl	101	21 - 136	03/06/13 11:12	03/07/13 21:18	1

Lab Sample ID: LCS 720-131785/2-A

Matrix: Solid

Analysis Batch: 131879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Pron Ratch: 131785

•	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Aldrin	16.3	14.0	-	ug/Kg		86	65 - 120	
Dieldrin	16.3	14.5		ug/Kg		89	72 - 120	
Endrin aldehyde	16.3	13.3		ug/Kg		82	57 ₋ 120	
Endrin	16.3	14.7		ug/Kg		90	68 - 120	
Endrin ketone	16.3	14.4		ug/Kg		89	67 - 120	
Heptachlor	16.3	13.9		ug/Kg		86	69 - 120	
Heptachlor epoxide	16.3	14.6		ug/Kg		90	68 - 120	
4,4'-DDT	16.3	14.0		ug/Kg		86	51 ₋ 120	
4,4'-DDE	16.3	15.1		ug/Kg		93	70 - 120	
4,4'-DDD	16.3	15.2		ug/Kg		94	69 - 120	
Endosulfan I	16.3	14.6		ug/Kg		90	62 - 120	
Endosulfan II	16.3	14.3		ug/Kg		88	65 - 120	
alpha-BHC	16.3	14.2		ug/Kg		88	70 - 120	
beta-BHC	16.3	15.4		ug/Kg		94	81 - 120	
gamma-BHC (Lindane)	16.3	14.3		ug/Kg		88	72 - 120	
delta-BHC	16.3	14.7		ug/Kg		91	74 - 120	

TestAmerica Pleasanton

Page 10 of 19

TestAmerica Job ID: 720-48144-1

Client: Engeo, Inc. Project/Site: Parkside Trails

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-131785/2-A **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA Analysis Batch: 131879 **Prep Batch: 131785**

	Бріке	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Endosulfan sulfate	16.3	15.0		ug/Kg		92	67 - 120	
Methoxychlor	16.3	16.3		ug/Kg		100	61 - 142	
alpha-Chlordane	16.3	14.4		ug/Kg		89	70 - 120	
gamma-Chlordane	16.3	15.1		ug/Kg		93	68 - 120	

	LCS		
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	89		57 - 122
DCB Decachlorobiphenyl	97		21 - 136

Lab Sample ID: LCSD 720-131785/3-A Matrix: Solid				Clie	Client Sample ID: Lab Control Sam Prep Type: T				
Analysis Batch: 131879							Prep I	Batch: 1	31785
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aldrin	16.4	14.3		ug/Kg		87	65 - 120	2	20
Dieldrin	16.4	14.8		ug/Kg		90	72 - 120	2	20
Endrin aldehyde	16.4	14.5		ug/Kg		88	57 _ 120	9	20

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Aldrin	16.4	14.3	ug/Kg	87	65 - 120	2	20
Dieldrin	16.4	14.8	ug/Kg	90	72 - 120	2	20
Endrin aldehyde	16.4	14.5	ug/Kg	88	57 - 120	9	20
Endrin	16.4	14.9	ug/Kg	91	68 - 120	1	20
Endrin ketone	16.4	15.4	ug/Kg	94	67 - 120	6	20
Heptachlor	16.4	14.1	ug/Kg	86	69 - 120	1	20
Heptachlor epoxide	16.4	14.9	ug/Kg	91	68 - 120	2	20
4,4'-DDT	16.4	14.3	ug/Kg	87	51 - 120	2	20
4,4'-DDE	16.4	15.2	ug/Kg	93	70 - 120	1	20
4,4'-DDD	16.4	15.2	ug/Kg	93	69 - 120	0	20
Endosulfan I	16.4	15.1	ug/Kg	92	62 - 120	3	20
Endosulfan II	16.4	15.1	ug/Kg	92	65 - 120	5	35
alpha-BHC	16.4	14.2	ug/Kg	87	70 - 120	0	20
beta-BHC	16.4	15.4	ug/Kg	94	81 - 120	0	20
gamma-BHC (Lindane)	16.4	14.4	ug/Kg	88	72 - 120	0	20
delta-BHC	16.4	15.0	ug/Kg	91	74 - 120	2	20
Endosulfan sulfate	16.4	15.7	ug/Kg	96	67 - 120	5	20
Methoxychlor	16.4	17.1	ug/Kg	104	61 - 142	5	20
alpha-Chlordane	16.4	15.0	ug/Kg	92	70 - 120	4	20
gamma-Chlordane	16.4	15.2	ug/Kg	92	68 ₋ 120	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	89		57 - 122
DCB Decachlorobiphenyl	102		21 - 136

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-131823/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 131921 **Prep Batch: 131823**

MB MB Analyte Result Qualifier RL MDL Unit Prepared Analyzed ND 03/06/13 17:26 03/07/13 18:33 Arsenic mg/Kg

TestAmerica Pleasanton

Page 11 of 19

QC Sample Results

Client: Engeo, Inc. TestAmerica Job ID: 720-48144-1

Project/Site: Parkside Trails

Method: 6010B - Met	als (ICP)	(Continued)
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Lab Sample ID: LCS 720-131823/2-A

Analyte

Arsenic

Matrix: Solid Analysis Batch: 131921							•	ype: To Batch: 1	
-	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Arsenic	50.0	48.9		mg/Kg		98	80 - 120		
Lab Sample ID: LCSD 720-131823/3-A				Clie	nt San	ple ID:	Lab Contro	l Sampl	e Dup
Matrix: Solid							Prep T	ype: To	tal/NA
Analysis Batch: 131921							Prep I	Batch: 1	31823
-	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	50.0	48.9		mg/Kg		98	80 - 120	0	20
Lab Sample ID: 720-48144-1 MS							Client S	ample I	D: S-1
Matrix: Solid							Prep T	ype: To	tal/NA
Analysis Batch: 131921							Prep I	Batch: 1	31823
Sample Sample	Snike	MS	MS				%Rec		

Lab Sample ID: 720-48144-1 MS	D								Client S	Sample I	D: S-1
Matrix: Solid									Prep T	ype: To	tal/NA
Analysis Batch: 131921									Prep	Batch: 1	31823
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	ND		48.1	42.0		mg/Kg		84	75 - 125	5	20

Result Qualifier

44.1

Unit

mg/Kg

Added

47.6

Result Qualifier

ND

TestAmerica Pleasanton

Client Sample ID: Lab Control Sample

Limits

75 - 125

QC Association Summary

Client: Engeo, Inc.

Project/Site: Parkside Trails

TestAmerica Job ID: 720-48144-1

GC Semi VOA

Prep Batch: 131785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48144-1	S-1	Total/NA	Solid	3546	
720-48144-2	S-2	Total/NA	Solid	3546	
720-48144-3	S-3	Total/NA	Solid	3546	
720-48144-4	S-4	Total/NA	Solid	3546	
LCS 720-131785/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-131785/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-131785/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 131879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48144-1	S-1	Total/NA	Solid	8081A	131785
720-48144-2	S-2	Total/NA	Solid	8081A	131785
720-48144-3	S-3	Total/NA	Solid	8081A	131785
720-48144-4	S-4	Total/NA	Solid	8081A	131785
LCS 720-131785/2-A	Lab Control Sample	Total/NA	Solid	8081A	131785
LCSD 720-131785/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	131785
MB 720-131785/1-A	Method Blank	Total/NA	Solid	8081A	131785

Metals

Prep Batch: 131823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48144-1	S-1	Total/NA	Solid	3050B	
720-48144-1 MS	S-1	Total/NA	Solid	3050B	
720-48144-1 MSD	S-1	Total/NA	Solid	3050B	
720-48144-2	S-2	Total/NA	Solid	3050B	
720-48144-3	S-3	Total/NA	Solid	3050B	
720-48144-4	S-4	Total/NA	Solid	3050B	
LCS 720-131823/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-131823/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
MB 720-131823/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 131921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48144-1 MS	S-1	Total/NA	Solid	6010B	131823
720-48144-1 MSD	S-1	Total/NA	Solid	6010B	131823
LCS 720-131823/2-A	Lab Control Sample	Total/NA	Solid	6010B	131823
LCSD 720-131823/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	131823
MB 720-131823/1-A	Method Blank	Total/NA	Solid	6010B	131823

Analysis Batch: 132063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48144-1	S-1	Total/NA	Solid	6010B	131823
720-48144-2	S-2	Total/NA	Solid	6010B	131823
720-48144-3	S-3	Total/NA	Solid	6010B	131823
720-48144-4	S-4	Total/NA	Solid	6010B	131823

Page 13 of 19

Client: Engeo, Inc.

Project/Site: Parkside Trails

Lab Sample ID: 720-48144-1

Matrix: Solid

Client Sample ID: S-1 Date Collected: 03/05/13 10:20

Date Received: 03/05/13 12:12

Date Received: 03/05/13 12:12

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3546			131785	03/06/13 11:12	AM	TAL SF
Total/NA	Analysis	8081A		5	131879	03/08/13 03:59	JZ	TAL SF
Total/NA	Prep	3050B			131823	03/06/13 17:26	ASB	TAL SF
Total/NA	Analysis	6010B		1	132063	03/09/13 00:27	SK	TAL SF

Lab Sample ID: 720-48144-2

Client Sample ID: S-2 Date Collected: 03/05/13 10:30

Matrix: Solid

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA 3546 Prep 131785 03/06/13 11:12 AM TAL SF Total/NA Analysis 8081A 10 131879 03/08/13 04:15 JΖ TAL SF Total/NA Prep TAL SF 3050B 131823 03/06/13 17:26 ASB Total/NA TAL SF Analysis 6010B 1 132063 03/09/13 00:40 SK

Client Sample ID: S-3

Lab Sample ID: 720-48144-3

Date Collected: 03/05/13 10:35

Matrix: Solid

Date Received: 03/05/13 12:12

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3546			131785	03/06/13 11:12	AM	TAL SF
Total/NA	Analysis	8081A		5	131879	03/08/13 04:32	JZ	TAL SF
Total/NA	Prep	3050B			131823	03/06/13 17:26	ASB	TAL SF
Total/NA	Analysis	6010B		1	132063	03/09/13 00:45	SK	TAL SF

Client Sample ID: S-4

Lab Sample ID: 720-48144-4

Matrix: Solid

Date Collected: 03/05/13 10:40 Date Received: 03/05/13 12:12

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3546			131785	03/06/13 11:12	AM	TAL SF
Total/NA	Analysis	8081A		5	131879	03/08/13 04:49	JZ	TAL SF
Total/NA	Prep	3050B			131823	03/06/13 17:26	ASB	TAL SF
Total/NA	Analysis	6010B		1	132063	03/09/13 00:49	SK	TAL SF

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Engeo, Inc.

TestAmerica Job ID: 720-48144-1

Project/Site: Parkside Trails

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

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Method Summary

Client: Engeo, Inc.

Project/Site: Parkside Trails

TestAmerica Job ID: 720-48144-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Sample Summary

Client: Engeo, Inc.

Project/Site: Parkside Trails

TestAmerica Job ID: 720-48144-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-48144-1	S-1	Solid	03/05/13 10:20	03/05/13 12:12
720-48144-2	S-2	Solid	03/05/13 10:30	03/05/13 12:12
720-48144-3	S-3	Solid	03/05/13 10:35	03/05/13 12:12
720-48144-4	S-4	Solid	03/05/13 10:40	03/05/13 12:12

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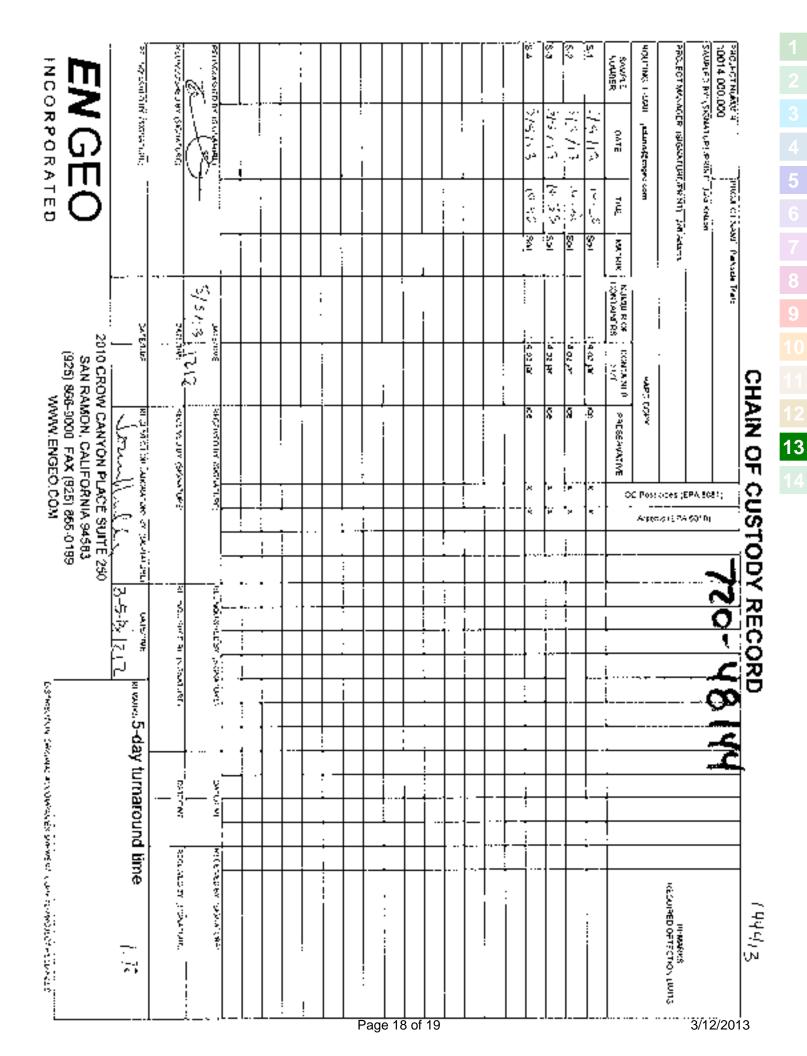
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Login Sample Receipt Checklist

Client: Engeo, Inc. Job Number: 720-48144-1

Login Number: 48144 List Source: TestAmerica Pleasanton

List Number: 1 Creator: Mullen, Joan

oreator. muneri, odan		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Project No. **10014.000.000**

January 7, 2014 Revised March 27, 2014

Mr. Craig Champion Standard Pacific Homes 3825 Hopyard Road, Suite 275 Pleasanton, CA 94588

Subject: Parkside Trails – 9-Acre Site

Cupertino, California

CHARACTERIZATION OF SOIL BENEATH FORMER LANDFILL

Reference: ENGEO; Phase I Environmental Site Assessment, Parkside Trails – 9-Acre Site,

Cupertino, California; February 22, 2013.

Dear Mr. Champion:

We are pleased to provide the findings from our evaluation of the soil beneath the former landfill at the Parkside Trails project (Property) in Cupertino, California. The purpose of our study was to confirm that the earlier landfill clean-up efforts and confirmation sampling by other consultants in the late 1990s was appropriate and no further remedial actions will be required.

BACKGROUND

The Property was used as a disposal facility between the late 1960s and early 1970s for the City of Cupertino Public Works Department and other parties. The exact timing and duration of disposal operations are unknown. The Property was used primarily for the disposal of construction debris, street sweepings, and green wastes.

The City of Cupertino retained Camp Dresser, McKee (CDM) to develop a Remedial Action Plan to clean up the landfill. Dames and Moore documented the removal of the landfill debris and restoration of the site. The Santa Clara County Department of Environmental Health (SCCDEH) approved the City of Cupertino's remediation plan for the removal of the landfill materials. The Regional Water Quality Control Board (RWQCB) provided a conditional concurrence that a groundwater investigation was not needed. However, at the completion of the landfill removal CDM requested that the Santa Clara County Department of Environmental Health issue a concurrence that the non-native landfill materials had been satisfactorily removed. A concurrence letter has not yet been received from the Department.

Further conversations with SCCDEH personnel found that the County has no records documenting the site remediation. Consequently, we proposed a limited soil characterization study to confirm the CDM findings that the native soil beneath the landfill was not significantly impacted by the former landfill debris.

Standard Pacific Homes 10014.000.000
Parkside Trails – 9-Acre Site January 7, 2014
CHARACTERIZATION OF SOIL BENEATH FORMER LANDFILL Revised March 27, 2014
Page 2

SCOPE OF WORK

We collected four samples from the in-place soil below the fill that was placed in the former landfill ravine. The fill varied from about 5 to 15 feet in thickness. Our onsite representative logged the transition from fill to native materials prior to collecting each of the soil samples. Each sample was sealed with Teflon® sheets, plastic end caps and duct tape; labeled; and preserved in an ice-cooled chest. The samples were then submitted under documented chain of custody to Torrent Laboratory Inc. in Milpitas, California for analysis.

The four submitted soil samples were analyzed for a suite of compounds similar to the testing under taken by CDM in their earlier site clean up studies including the following: Lead (Method 6010), Volatile Organics (Method 8260) Total Petroleum Hydrocarbons (TPH) (Method 5030/8015M or 3550/8015M), Polynuclear Aromatic Hydrocarbons (Method 8270), Organochlorine Pesticides (Method 8080), Chlorinated Herbicides (Method 8150), Polychlorinated Biphenyls (Method 8080).

RESULTS

Review of the laboratory test results found that the soil beneath the fill does not appear to be impacted from past landfill practices. Laboratory testing found low levels of diesel in two samples that ranged from 2.2 to 2.6 parts per million. Lead was reported at 1.3 to 4.9 parts per million. The soil samples were non-detectable for the suite of compounds checked by CDM during their cleanup operations.

It appears that the clean up undertaken by CDM was appropriately completed and no residue or debris from the former landfill was evident in the samples collected during our study. No further studies are recommended at this time.

We appreciate the opportunity to have worked with your office on this project. If you have any questions on any portion of the study, please call and we will be glad to discuss them with you.

ENGEO Incorporated

No. HG 460

CERTIFIED HYDROGEOLOGIST

HYDROGEOLOGIST

HYDROGEOLOGIST

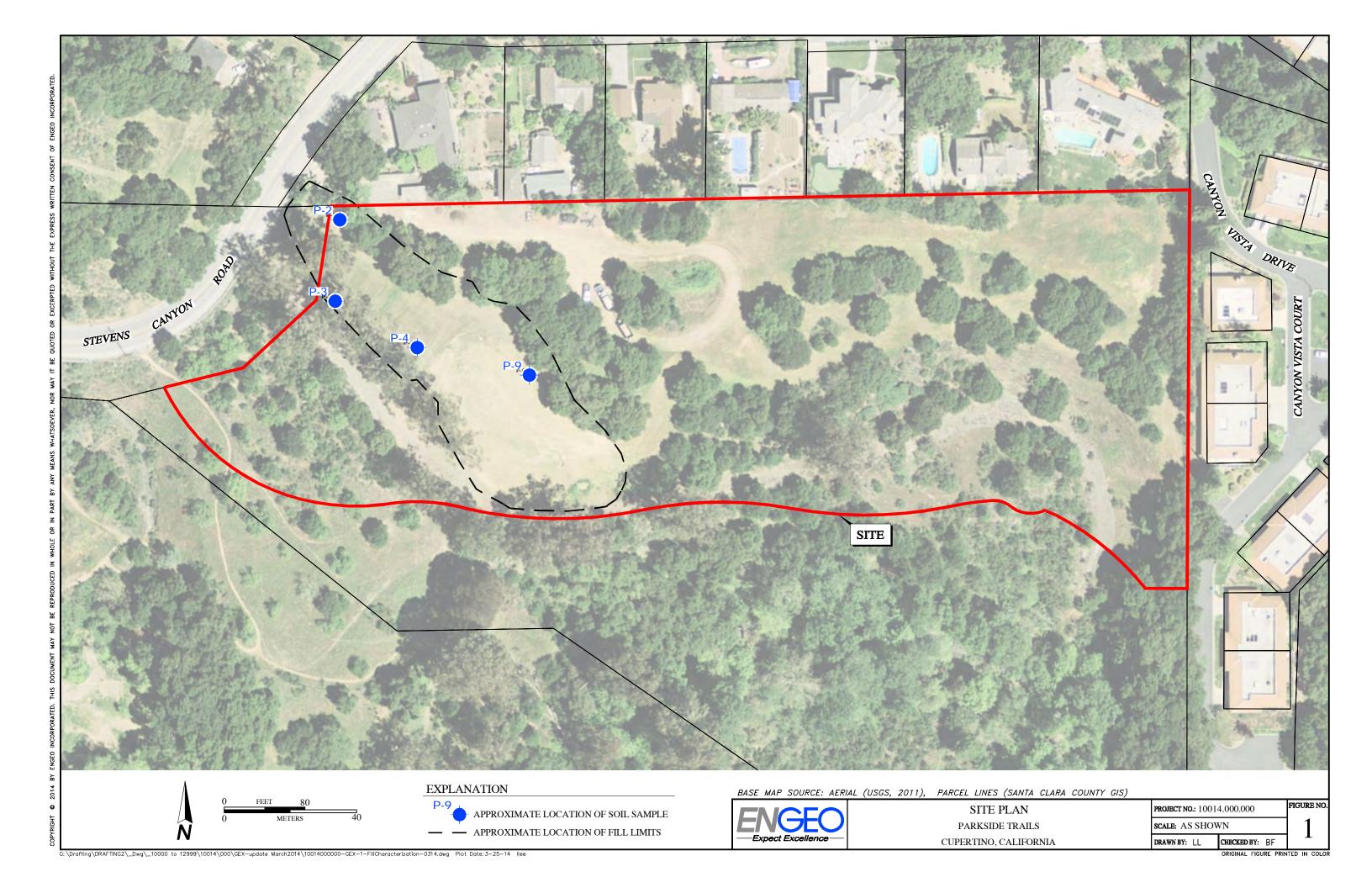
HYDROGEOLOGIST

Shawn Munger, CHG

Exp. 7/31/2015

Attachments: Figure 1 - Site Plan

Lab Reports – Torrent Laboratory, Inc.





Engeo Inc (SJ) 6399 San Ignacio Ave, Suite 150 San Jose, California 95119

Tel: 408-574-4900/Scott cell:925570-5855

Fax: 888-279-2698

RE: Cupertino

Work Order No.: 1305068 Rev: 1

Dear Richard Gandolfo:

Torrent Laboratory, Inc. received 4 sample(s) on May 13, 2013 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

QA Officer

May 22, 2013

Date

483 Sinclair Frontage Rd., Milpitas, CA 95035 | rel: 408.263.5258 | rex: 408.263,8293 | www.torrentlab.com

Total Page Count: 39 Page 1 of 39



Date: 5/22/2013

Client: Engeo Inc (SJ)
Project: Cupertino
Work Order: 1305068

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

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Analytical Comments for Herbicides, Note: Analysis subcontracted to CA ELAP approved laboratory EMA. Sub-contract data will follow under separate cover.

Revisions:

Report revised to include sub-data for herbicides.

Rev 1 (05/22/13)

Total Page Count: 39 Page 2 of 39



Sample Result Summary

Report prepared for: Richard Gandolfo Date Received: 05/13/13

Engeo Inc (SI) Date Reported: 05/22/13

Engeo Inc (SJ)				Date	Reported:	05/22/13
B2 13'					10	305068-001
Parameters:	Analysis Method	<u>DF</u>	MDL	<u>PQL</u>	Results	<u>Unit</u>
Lead	SW6010B	1	0.13	1.0	4.9	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.87	2.0	2.6	mg/Kg
B3 0.5'					13	305068-002
Parameters:	Analysis Method	<u>DF</u>	MDL	<u>PQL</u>	Results	<u>Unit</u>
Lead	SW6010B	1	0.13	1.0	1.3	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.87	2.0	2.2	mg/Kg
B4 15'					1;	305068-003
Parameters:	Analysis	<u>DF</u>	MDL	<u>PQL</u>	Results	<u>Unit</u>
Lead	Method SW6010B	1	0.13	1.0	4.1	mg/Kg
TPH as Diesel	SW8015B(M)	1	0.87	2.0	2.2	mg/Kg
ורוו מז טוכזטו	3VV0U13D(IVI)	- 1	0.07	2.0	۷.۷	ilig/Ng

Total Page Count: 39 Page 3 of 39



B9 08'

Sample Result Summary

Report prepared for: Richard Gandolfo Date Received: 05/13/13

Engeo Inc (SJ) Date Reported: 05/22/13

1305068-004

Parameters:	<u>Analysis</u> <u>Method</u>	<u>DF</u>	MDL	<u>PQL</u>	Results	<u>Unit</u>
Lead	SW6010B	1	0.13	1.0	2.3	mg/Kg

Total Page Count: 39 Page 4 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B2 13' **Lab Sample ID:** 1305068-001A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 10:50

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead	SW6010B	5/14/13	05/14/13	1	0.13	1.0	4.9		ma/Ka	415438	8612

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	5/15/13	05/15/13	1	0.61	2.0	ND		ug/Kg	415502	8619
gamma-BHC	SW8081A	5/15/13	05/15/13	1	0.61	2.0	ND		ug/Kg	415502	8619
beta-BHC	SW8081A	5/15/13	05/15/13	1	0.56	2.0	ND		ug/Kg	415502	8619
delta-BHC	SW8081A	5/15/13	05/15/13	1	0.40	2.0	ND		ug/Kg	415502	8619
Heptachlor	SW8081A	5/15/13	05/15/13	1	0.79	2.0	ND		ug/Kg	415502	8619
Aldrin	SW8081A	5/15/13	05/15/13	1	0.81	2.0	ND		ug/Kg	415502	8619
Heptachlor epoxide	SW8081A	5/15/13	05/15/13	1	0.36	2.0	ND		ug/Kg	415502	8619
gamma-Chlordane	SW8081A	5/15/13	05/15/13	1	0.79	2.0	ND		ug/Kg	415502	8619
alpha-Chlordane	SW8081A	5/15/13	05/15/13	1	0.94	2.0	ND		ug/Kg	415502	8619
Endosulfan I	SW8081A	5/15/13	05/15/13	1	0.64	2.0	ND		ug/Kg	415502	8619
4,4'-DDE	SW8081A	5/15/13	05/15/13	1	0.51	2.0	ND		ug/Kg	415502	8619
Dieldrin	SW8081A	5/15/13	05/15/13	1	0.58	2.0	ND		ug/Kg	415502	8619
Endrin	SW8081A	5/15/13	05/15/13	1	0.86	2.0	ND		ug/Kg	415502	8619
4,4'-DDD	SW8081A	5/15/13	05/15/13	1	0.76	2.0	ND		ug/Kg	415502	8619
Endosulfan II	SW8081A	5/15/13	05/15/13	1	0.82	2.0	ND		ug/Kg	415502	8619
4,4'-DDT	SW8081A	5/15/13	05/15/13	1	0.67	2.0	ND		ug/Kg	415502	8619
Endrin aldehyde	SW8081A	5/15/13	05/15/13	1	0.46	2.0	ND		ug/Kg	415502	8619
Endosulfan sulfate	SW8081A	5/15/13	05/15/13	1	0.58	2.0	ND		ug/Kg	415502	8619
Methoxychlor	SW8081A	5/15/13	05/15/13	1	0.61	5.0	ND		ug/Kg	415502	8619
Endrin Ketone	SW8081A	5/15/13	05/15/13	1	0.58	2.0	ND		ug/Kg	415502	8619
Chlordane	SW8081A	5/15/13	05/15/13	1	10	20	ND		ug/Kg	415502	8619
Toxaphene	SW8081A	5/15/13	05/15/13	1	8.2	100	ND		ug/Kg	415502	8619
TCMX (S)	SW8081A	5/15/13	05/15/13	1	52.5	139	82.8		%	415502	8619
DCBP (S)	SW8081A	5/15/13	05/15/13	1	50.2	139	81.1		%	415502	8619
` '				1							

Total Page Count: 39 Page 5 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B2 13' Lab Sample ID: 1305068-001A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 10:50

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
Aroclor1016	SW8082	5/13/13	05/15/13	1	0.0230	0.10	ND	mg/Kg	415489	8598
Aroclor1221	SW8082	5/13/13	05/15/13	1	0.0920	0.20	ND	mg/Kg	415489	8598
Aroclor1232	SW8082	5/13/13	05/15/13	1	0.0460	0.10	ND	mg/Kg	415489	8598
Aroclor1242	SW8082	5/13/13	05/15/13	1	0.0430	0.10	ND	mg/Kg	415489	8598
Aroclor1248	SW8082	5/13/13	05/15/13	1	0.0360	0.10	ND	mg/Kg	415489	8598
Aroclor1254	SW8082	5/13/13	05/15/13	1	0.0240	0.10	ND	mg/Kg	415489	8598
Aroclor1260	SW8082	5/13/13	05/15/13	1	0.0270	0.10	ND	mg/Kg	415489	8598
TCMX (S)	SW8082	5/13/13	05/15/13	1	50.4	136	94.9	%	415489	8598
DCBP (S)	SW8082	5/13/13	05/15/13	1	44	128	97.2	%	415489	8598

Total Page Count: 39 Page 6 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B2 13' **Lab Sample ID:** 1305068-001A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 10:50

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
raiailleteis.	Wethou	Date	Allalyzeu					Qualifie		Daten	Daten
Dichlorodifluoromethane	SW8260B	NA	05/14/13	1	4.4	10	ND		ug/Kg	415505	NA
Chloromethane	SW8260B	NA	05/14/13	1	4.6	10	ND		ug/Kg	415505	NA
Vinyl Chloride	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
Bromomethane	SW8260B	NA	05/14/13	1	4.7	10	ND		ug/Kg	415505	NA
Trichlorofluoromethane	SW8260B	NA	05/14/13	1	2.9	10	ND		ug/Kg	415505	NA
1,1-Dichloroethene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
Freon 113	SW8260B	NA	05/14/13	1	3.7	10	ND		ug/Kg	415505	NA
Methylene Chloride	SW8260B	NA	05/14/13	1	2.0	50	ND		ug/Kg	415505	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
MTBE	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
tert-Butanol	SW8260B	NA	05/14/13	1	21	50	ND		ug/Kg	415505	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,1-Dichloroethane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
ETBE	SW8260B	NA	05/14/13	1	2.4	10	ND		ug/Kg	415505	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
2,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Bromochloromethane	SW8260B	NA	05/14/13	1	2.3	10	ND		ug/Kg	415505	NA
Chloroform	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Carbon Tetrachloride	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
1,1,1-Trichloroethane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Benzene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
TAME	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dichloroethane	SW8260B	NA	05/14/13	1	1.9	10	ND		ug/Kg	415505	NA
Trichloroethylene	SW8260B	NA	05/14/13	1	3.9	10	ND		ug/Kg	415505	NA
Dibromomethane	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
Bromodichloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Toluene	SW8260B	NA	05/14/13	1	0.98	10	ND		ug/Kg	415505	NA
Tetrachloroethylene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1,2-Trichloroethane	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
Dibromochloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
1,3-Dichloropropane	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dibromoethane	SW8260B	NA	05/14/13	1	1.7	10	ND		ug/Kg	415505	NA

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Total Page Count: 39 Page 7 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B2 13' **Lab Sample ID:** 1305068-001A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 10:50

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/Kg	415505	NA
Chlorobenzene	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/Kg	415505	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/Kg	415505	NA
m,p-Xylene	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/Kg	415505	NA
o-Xylene	SW8260B	NA	05/14/13	1	0.66	5.0	ND	ug/Kg	415505	NA
Styrene	SW8260B	NA	05/14/13	1	0.77	10	ND	ug/Kg	415505	NA
Bromoform	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/Kg	415505	NA
Isopropyl Benzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/Kg	415505	NA
n-Propylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/Kg	415505	NA
Bromobenzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/Kg	415505	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	3.0	10	ND	ug/Kg	415505	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/Kg	415505	NA
1,2,3-Trichloropropane	SW8260B	NA	05/14/13	1	3.3	10	ND	ug/Kg	415505	NA
4-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
2-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
tert-Butylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/Kg	415505	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/Kg	415505	NA
sec-Butyl Benzene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
p-Isopropyltoluene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/Kg	415505	NA
1,3-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.8	10	ND	ug/Kg	415505	NA
1,4-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/Kg	415505	NA
n-Butylbenzene	SW8260B	NA	05/14/13	1	2.2	10	ND	ug/Kg	415505	NA
1,2-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.3	10	ND	ug/Kg	415505	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/Kg	415505	NA
Hexachlorobutadiene	SW8260B	NA	05/14/13	1	2.6	10	ND	ug/Kg	415505	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.1	10	ND	ug/Kg	415505	NA
Naphthalene	SW8260B	NA	05/14/13	1	2.8	10	ND	ug/Kg	415505	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.9	10	ND	ug/Kg	415505	NA
(S) Dibromofluoromethane	SW8260B	NA	05/14/13	1	59.8	148	89.8	%	415505	NA
(S) Toluene-d8	SW8260B	NA	05/14/13	1	55.2	133	103	%	415505	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/14/13	1	55.8	141	120	%	415505	NA

Total Page Count: 39 Page 8 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B2 13' **Lab Sample ID:** 1305068-001A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 10:50

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	5/15/13	05/15/13	1	0.2340	0.495	ND	•	mg/Kg	415458	8623
2-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
1-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
Acenaphthylene	SW8270C	5/15/13	05/15/13	1	0.1490	0.495	ND		mg/Kg	415458	8623
Acenaphthene	SW8270C	5/15/13	05/15/13	1	0.1640	0.495	ND		mg/Kg	415458	8623
Fluorene	SW8270C	5/15/13	05/15/13	1	0.08400	0.495	ND		mg/Kg	415458	8623
Phenanthrene	SW8270C	5/15/13	05/15/13	1	0.2040	0.495	ND		mg/Kg	415458	8623
Anthracene	SW8270C	5/15/13	05/15/13	1	0.2600	0.495	ND		mg/Kg	415458	8623
Fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2460	0.495	ND		mg/Kg	415458	8623
Pyrene	SW8270C	5/15/13	05/15/13	1	0.1910	0.495	ND		mg/Kg	415458	8623
Benz[a]anthracene	SW8270C	5/15/13	05/15/13	1	0.2990	0.495	ND		mg/Kg	415458	8623
Chrysene	SW8270C	5/15/13	05/15/13	1	0.1770	0.995	ND		mg/Kg	415458	8623
Benzo[b]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2030	0.495	ND		mg/Kg	415458	8623
Benzo[k]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.1310	0.495	ND		mg/Kg	415458	8623
Benzo[a]pyrene	SW8270C	5/15/13	05/15/13	1	0.2250	0.495	ND		mg/Kg	415458	8623
Indeno[1,2,3-cd]pyrene	SW8270C	5/15/13	05/15/13	1	0.1260	0.495	ND		mg/Kg	415458	8623
Dibenz[a,h]anthracene	SW8270C	5/15/13	05/15/13	1	0.06800	0.495	ND		mg/Kg	415458	8623
Benzo[g,h,i]perylene	SW8270C	5/15/13	05/15/13	1	0.07500	0.495	ND		mg/Kg	415458	8623
2-Fluorobiphenyl (S)	SW8270C	5/15/13	05/15/13	1	30	115	83.9		%	415458	8623
p-Terphenyl-d14 (S)	SW8270C	5/15/13	05/15/13	1	37.9	127	87.2		%	415458	8623

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/14/13	05/14/13	1	0.87	2.0	2.6	Х	mg/Kg	415449	8603
TPH as Motor Oil	SW8015B(M)	5/14/13	05/14/13	1	1.3	10	ND		mg/Kg	415449	8603
Pentacosane (S)	SW8015B(M)	5/14/13	05/14/13	1	49.9	144	99.7		%	415449	8603

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Total Page Count: 39 Page 9 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B3 0.5' **Lab Sample ID:** 1305068-002A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:15

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead	SW6010B	5/14/13	05/14/13	1	0.13	1.0	1.3		mg/Kg	415438	8612

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND		ug/Kg	415523	8619
gamma-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND		ug/Kg	415523	8619
beta-BHC	SW8081A	5/15/13	05/16/13	1	0.56	2.0	ND		ug/Kg	415523	8619
delta-BHC	SW8081A	5/15/13	05/16/13	1	0.40	2.0	ND		ug/Kg	415523	8619
Heptachlor	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
Aldrin	SW8081A	5/15/13	05/16/13	1	0.81	2.0	ND		ug/Kg	415523	8619
Heptachlor epoxide	SW8081A	5/15/13	05/16/13	1	0.36	2.0	ND		ug/Kg	415523	8619
gamma-Chlordane	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
alpha-Chlordane	SW8081A	5/15/13	05/16/13	1	0.94	2.0	ND		ug/Kg	415523	8619
Endosulfan I	SW8081A	5/15/13	05/16/13	1	0.64	2.0	ND		ug/Kg	415523	8619
4,4'-DDE	SW8081A	5/15/13	05/16/13	1	0.51	2.0	ND		ug/Kg	415523	8619
Dieldrin	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Endrin	SW8081A	5/15/13	05/16/13	1	0.86	2.0	ND		ug/Kg	415523	8619
4,4'-DDD	SW8081A	5/15/13	05/16/13	1	0.76	2.0	ND		ug/Kg	415523	8619
Endosulfan II	SW8081A	5/15/13	05/16/13	1	0.82	2.0	ND		ug/Kg	415523	8619
4,4'-DDT	SW8081A	5/15/13	05/16/13	1	0.67	2.0	ND		ug/Kg	415523	8619
Endrin aldehyde	SW8081A	5/15/13	05/16/13	1	0.46	2.0	ND		ug/Kg	415523	8619
Endosulfan sulfate	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Methoxychlor	SW8081A	5/15/13	05/16/13	1	0.61	5.0	ND		ug/Kg	415523	8619
Endrin Ketone	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Chlordane	SW8081A	5/15/13	05/16/13	1	10	20	ND		ug/Kg	415523	8619
Toxaphene	SW8081A	5/15/13	05/16/13	1	8.2	100	ND		ug/Kg	415523	8619
TCMX (S)	SW8081A	5/15/13	05/16/13	1	52.5	139	83.2		%	415523	8619
DCBP (S)	SW8081A	5/15/13	05/16/13	1	50.2	139	83.8		%	415523	8619

Total Page Count: 39 Page 10 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B3 0.5' **Lab Sample ID:** 1305068-002A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:15

Tag Number: Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
Aroclor1016	SW8082	5/13/13	05/15/13	1	0.0230	0.10	ND	mg/Kg	415489	8598
Aroclor1221	SW8082	5/13/13	05/15/13	1	0.0920	0.20	ND	mg/Kg	415489	8598
Aroclor1232	SW8082	5/13/13	05/15/13	1	0.0460	0.10	ND	mg/Kg	415489	8598
Aroclor1242	SW8082	5/13/13	05/15/13	1	0.0430	0.10	ND	mg/Kg	415489	8598
Aroclor1248	SW8082	5/13/13	05/15/13	1	0.0360	0.10	ND	mg/Kg	415489	8598
Aroclor1254	SW8082	5/13/13	05/15/13	1	0.0240	0.10	ND	mg/Kg	415489	8598
Aroclor1260	SW8082	5/13/13	05/15/13	1	0.0270	0.10	ND	mg/Kg	415489	8598
TCMX (S)	SW8082	5/13/13	05/15/13	1	50.4	136	89.2	%	415489	8598
DCBP (S)	SW8082	5/13/13	05/15/13	1	44	128	95.7	%	415489	8598

Total Page Count: 39 Page 11 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B3 0.5' **Lab Sample ID:** 1305068-002A

Project Name/Location: Cupertino Sample Matrix: Soil
Project Number: 10014.000.000

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:15

 Tag Number:
 Cupertino

Poromotoro	Analysis	Prep	Date	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical	Prep Batch
Parameters:	Method	Date	Analyzed					Qualifier		Batch	Daten
Dichlorodifluoromethane	SW8260B	NA	05/14/13	1	4.4	10	ND	<u> </u>	ıg/Kg	415505	NA
Chloromethane	SW8260B	NA	05/14/13	1	4.6	10	ND		ıg/Kg	415505	NA
Vinyl Chloride	SW8260B	NA	05/14/13	1	2.6	10	ND	ι	ıg/Kg	415505	NA
Bromomethane	SW8260B	NA	05/14/13	1	4.7	10	ND	ι	ıg/Kg	415505	NA
Trichlorofluoromethane	SW8260B	NA	05/14/13	1	2.9	10	ND	ι	ıg/Kg	415505	NA
1,1-Dichloroethene	SW8260B	NA	05/14/13	1	1.5	10	ND	ι	ıg/Kg	415505	NA
Freon 113	SW8260B	NA	05/14/13	1	3.7	10	ND	ι	ıg/Kg	415505	NA
Methylene Chloride	SW8260B	NA	05/14/13	1	2.0	50	ND	ι	ıg/Kg	415505	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.1	10	ND	ι	ıg/Kg	415505	NA
MTBE	SW8260B	NA	05/14/13	1	2.6	10	ND	ι	ıg/Kg	415505	NA
tert-Butanol	SW8260B	NA	05/14/13	1	21	50	ND	ι	ıg/Kg	415505	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/14/13	1	2.2	10	ND	ι	ıg/Kg	415505	NA
1,1-Dichloroethane	SW8260B	NA	05/14/13	1	1.3	10	ND	ι	ıg/Kg	415505	NA
ETBE	SW8260B	NA	05/14/13	1	2.4	10	ND	ι	ug/Kg	415505	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.8	10	ND	ι	ug/Kg	415505	NA
2,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.2	10	ND	ι	ug/Kg	415505	NA
Bromochloromethane	SW8260B	NA	05/14/13	1	2.3	10	ND	ι	ug/Kg	415505	NA
Chloroform	SW8260B	NA	05/14/13	1	1.2	10	ND	ι	ug/Kg	415505	NA
Carbon Tetrachloride	SW8260B	NA	05/14/13	1	1.6	10	ND	ι	ug/Kg	415505	NA
1,1,1-Trichloroethane	SW8260B	NA	05/14/13	1	1.2	10	ND	ι	ug/Kg	415505	NA
1,1-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND	ι	ug/Kg	415505	NA
Benzene	SW8260B	NA	05/14/13	1	1.5	10	ND	ι	ug/Kg	415505	NA
TAME	SW8260B	NA	05/14/13	1	2.1	10	ND	ι	ug/Kg	415505	NA
1,2-Dichloroethane	SW8260B	NA	05/14/13	1	1.9	10	ND	ι	ug/Kg	415505	NA
Trichloroethylene	SW8260B	NA	05/14/13	1	3.9	10	ND	ι	ug/Kg	415505	NA
Dibromomethane	SW8260B	NA	05/14/13	1	2.2	10	ND	ι	ug/Kg	415505	NA
1,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.3	10	ND	ι	ug/Kg	415505	NA
Bromodichloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND	ι	ug/Kg	415505	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND	ι	ug/Kg	415505	NA
Toluene	SW8260B	NA	05/14/13	1	0.98	10	ND	ι	ug/Kg	415505	NA
Tetrachloroethylene	SW8260B	NA	05/14/13	1	1.8	10	ND	ι	ug/Kg	415505	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.2	10	ND	ι	ug/Kg	415505	NA
1,1,2-Trichloroethane	SW8260B	NA	05/14/13	1	1.8	10	ND	ι	ug/Kg	415505	NA
Dibromochloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND	ι	ug/Kg	415505	NA
1,3-Dichloropropane	SW8260B	NA	05/14/13	1	2.1	10	ND	ι	ug/Kg	415505	NA
1,2-Dibromoethane	SW8260B	NA	05/14/13	1	1.7	10	ND	ι	ug/Kg	415505	NA

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Total Page Count: 39 Page 12 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B3 0.5' **Lab Sample ID:** 1305068-002A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:15

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/Kg	415505	NA
Chlorobenzene	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/Kg	415505	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/Kg	415505	NA
m,p-Xylene	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/Kg	415505	NA
o-Xylene	SW8260B	NA	05/14/13	1	0.66	5.0	ND	ug/Kg	415505	NA
Styrene	SW8260B	NA	05/14/13	1	0.77	10	ND	ug/Kg	415505	NA
Bromoform	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/Kg	415505	NA
Isopropyl Benzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/Kg	415505	NA
n-Propylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/Kg	415505	NA
Bromobenzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/Kg	415505	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	3.0	10	ND	ug/Kg	415505	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/Kg	415505	NA
1,2,3-Trichloropropane	SW8260B	NA	05/14/13	1	3.3	10	ND	ug/Kg	415505	NA
4-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
2-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
tert-Butylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/Kg	415505	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/Kg	415505	NA
sec-Butyl Benzene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/Kg	415505	NA
p-Isopropyltoluene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/Kg	415505	NA
1,3-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.8	10	ND	ug/Kg	415505	NA
1,4-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/Kg	415505	NA
n-Butylbenzene	SW8260B	NA	05/14/13	1	2.2	10	ND	ug/Kg	415505	NA
1,2-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.3	10	ND	ug/Kg	415505	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/Kg	415505	NA
Hexachlorobutadiene	SW8260B	NA	05/14/13	1	2.6	10	ND	ug/Kg	415505	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.1	10	ND	ug/Kg	415505	NA
Naphthalene	SW8260B	NA	05/14/13	1	2.8	10	ND	ug/Kg	415505	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.9	10	ND	ug/Kg	415505	NA
(S) Dibromofluoromethane	SW8260B	NA	05/14/13	1	59.8	148	94.1	%	415505	NA
(S) Toluene-d8	SW8260B	NA	05/14/13	1	55.2	133	110	%	415505	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/14/13	1	55.8	141	127	%	415505	NA

Total Page Count: 39 Page 13 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B3 0.5' **Lab Sample ID:** 1305068-002A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:15

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	5/15/13	05/15/13	1	0.2340	0.495	ND	•	mg/Kg	415458	8623
2-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
1-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
Acenaphthylene	SW8270C	5/15/13	05/15/13	1	0.1490	0.495	ND		mg/Kg	415458	8623
Acenaphthene	SW8270C	5/15/13	05/15/13	1	0.1640	0.495	ND		mg/Kg	415458	8623
Fluorene	SW8270C	5/15/13	05/15/13	1	0.08400	0.495	ND		mg/Kg	415458	8623
Phenanthrene	SW8270C	5/15/13	05/15/13	1	0.2040	0.495	ND		mg/Kg	415458	8623
Anthracene	SW8270C	5/15/13	05/15/13	1	0.2600	0.495	ND		mg/Kg	415458	8623
Fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2460	0.495	ND		mg/Kg	415458	8623
Pyrene	SW8270C	5/15/13	05/15/13	1	0.1910	0.495	ND		mg/Kg	415458	8623
Benz[a]anthracene	SW8270C	5/15/13	05/15/13	1	0.2990	0.495	ND		mg/Kg	415458	8623
Chrysene	SW8270C	5/15/13	05/15/13	1	0.1770	0.995	ND		mg/Kg	415458	8623
Benzo[b]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2030	0.495	ND		mg/Kg	415458	8623
Benzo[k]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.1310	0.495	ND		mg/Kg	415458	8623
Benzo[a]pyrene	SW8270C	5/15/13	05/15/13	1	0.2250	0.495	ND		mg/Kg	415458	8623
Indeno[1,2,3-cd]pyrene	SW8270C	5/15/13	05/15/13	1	0.1260	0.495	ND		mg/Kg	415458	8623
Dibenz[a,h]anthracene	SW8270C	5/15/13	05/15/13	1	0.06800	0.495	ND		mg/Kg	415458	8623
Benzo[g,h,i]perylene	SW8270C	5/15/13	05/15/13	1	0.07500	0.495	ND		mg/Kg	415458	8623
2-Fluorobiphenyl (S)	SW8270C	5/15/13	05/15/13	1	30	115	81.7		%	415458	8623
p-Terphenyl-d14 (S)	SW8270C	5/15/13	05/15/13	1	37.9	127	83.5		%	415458	8623

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/14/13	05/14/13	1	0.87	2.0	2.2	Х	mg/Kg	415449	8603
TPH as Motor Oil	SW8015B(M)	5/14/13	05/14/13	1	1.3	10	ND		mg/Kg	415449	8603
Pentacosane (S)	SW8015B(M)	5/14/13	05/14/13	1	49.9	144	106		%	415449	8603

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Total Page Count: 39 Page 14 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B4 15' **Lab Sample ID:** 1305068-003A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:35

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Lead	SW6010B	5/14/13	05/14/13	1	0.13	1.0	4.1		mg/Kg	415438	8612

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND	<u> </u>	ug/Kg	415523	8619
gamma-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND		ug/Kg	415523	8619
beta-BHC	SW8081A	5/15/13	05/16/13	1	0.56	2.0	ND		ug/Kg	415523	8619
delta-BHC	SW8081A	5/15/13	05/16/13	1	0.40	2.0	ND		ug/Kg	415523	8619
Heptachlor	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
Aldrin	SW8081A	5/15/13	05/16/13	1	0.81	2.0	ND		ug/Kg	415523	8619
Heptachlor epoxide	SW8081A	5/15/13	05/16/13	1	0.36	2.0	ND		ug/Kg	415523	8619
gamma-Chlordane	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
alpha-Chlordane	SW8081A	5/15/13	05/16/13	1	0.94	2.0	ND		ug/Kg	415523	8619
Endosulfan I	SW8081A	5/15/13	05/16/13	1	0.64	2.0	ND		ug/Kg	415523	8619
4,4'-DDE	SW8081A	5/15/13	05/16/13	1	0.51	2.0	ND		ug/Kg	415523	8619
Dieldrin	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Endrin	SW8081A	5/15/13	05/16/13	1	0.86	2.0	ND		ug/Kg	415523	8619
4,4'-DDD	SW8081A	5/15/13	05/16/13	1	0.76	2.0	ND		ug/Kg	415523	8619
Endosulfan II	SW8081A	5/15/13	05/16/13	1	0.82	2.0	ND		ug/Kg	415523	8619
4,4'-DDT	SW8081A	5/15/13	05/16/13	1	0.67	2.0	ND		ug/Kg	415523	8619
Endrin aldehyde	SW8081A	5/15/13	05/16/13	1	0.46	2.0	ND		ug/Kg	415523	8619
Endosulfan sulfate	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Methoxychlor	SW8081A	5/15/13	05/16/13	1	0.61	5.0	ND		ug/Kg	415523	8619
Endrin Ketone	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Chlordane	SW8081A	5/15/13	05/16/13	1	10	20	ND		ug/Kg	415523	8619
Toxaphene	SW8081A	5/15/13	05/16/13	1	8.2	100	ND		ug/Kg	415523	8619
TCMX (S)	SW8081A	5/15/13	05/16/13	1	52.5	139	93.7		%	415523	8619
DCBP (S)	SW8081A	5/15/13	05/16/13	1	50.2	139	94.4		%	415523	8619

Total Page Count: 39 Page 15 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B4 15' Lab Sample ID: 1305068-003A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:35

Tag Number: Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
Aroclor1016	SW8082	5/13/13	05/15/13	1	0.0230	0.10	ND	mg/Ko	415489	8598
Aroclor1221	SW8082	5/13/13	05/15/13	1	0.0920	0.20	ND	mg/Kg	415489	8598
Aroclor1232	SW8082	5/13/13	05/15/13	1	0.0460	0.10	ND	mg/Kg	415489	8598
Aroclor1242	SW8082	5/13/13	05/15/13	1	0.0430	0.10	ND	mg/Kg	415489	8598
Aroclor1248	SW8082	5/13/13	05/15/13	1	0.0360	0.10	ND	mg/Kg	415489	8598
Aroclor1254	SW8082	5/13/13	05/15/13	1	0.0240	0.10	ND	mg/Kg	415489	8598
Aroclor1260	SW8082	5/13/13	05/15/13	1	0.0270	0.10	ND	mg/Kg	415489	8598
TCMX (S)	SW8082	5/13/13	05/15/13	1	50.4	136	81.8	%	415489	8598
DCBP (S)	SW8082	5/13/13	05/15/13	1	44	128	88.6	%	415489	8598

Total Page Count: 39 Page 16 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B4 15' **Lab Sample ID:** 1305068-003A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:35

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
r arameters.	Metriod	Date	Allalyzea					Qualifici		Daton	Daton
Dichlorodifluoromethane	SW8260B	NA	05/14/13	1	4.4	10	ND	l l	ug/Kg	415505	NA
Chloromethane	SW8260B	NA	05/14/13	1	4.6	10	ND		ug/Kg	415505	NA
Vinyl Chloride	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
Bromomethane	SW8260B	NA	05/14/13	1	4.7	10	ND		ug/Kg	415505	NA
Trichlorofluoromethane	SW8260B	NA	05/14/13	1	2.9	10	ND		ug/Kg	415505	NA
1,1-Dichloroethene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
Freon 113	SW8260B	NA	05/14/13	1	3.7	10	ND		ug/Kg	415505	NA
Methylene Chloride	SW8260B	NA	05/14/13	1	2.0	50	ND		ug/Kg	415505	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
MTBE	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
tert-Butanol	SW8260B	NA	05/14/13	1	21	50	ND		ug/Kg	415505	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,1-Dichloroethane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
ETBE	SW8260B	NA	05/14/13	1	2.4	10	ND		ug/Kg	415505	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
2,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Bromochloromethane	SW8260B	NA	05/14/13	1	2.3	10	ND		ug/Kg	415505	NA
Chloroform	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Carbon Tetrachloride	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
1,1,1-Trichloroethane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Benzene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
TAME	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dichloroethane	SW8260B	NA	05/14/13	1	1.9	10	ND		ug/Kg	415505	NA
Trichloroethylene	SW8260B	NA	05/14/13	1	3.9	10	ND		ug/Kg	415505	NA
Dibromomethane	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
Bromodichloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Toluene	SW8260B	NA	05/14/13	1	0.98	10	ND		ug/Kg	415505	NA
Tetrachloroethylene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1,2-Trichloroethane	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
Dibromochloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
1,3-Dichloropropane	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dibromoethane	SW8260B	NA	05/14/13	1	1.7	10	ND		ug/Kg	415505	NA

483 Sinclair Frontage Rd., Milpitas, CA 95035 | rel. 408.263.5258 | fax: 408.263,8293 | www.torrentlab.com

Total Page Count: 39 Page 17 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B4 15' **Lab Sample ID:** 1305068-003A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:35

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Uni Qualifier	t Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/k	(g 415505	NA
Chlorobenzene	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/ł	(g 415505	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	0.86	10	ND	ug/ł	(g 415505	NA
m,p-Xylene	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/ł	(g 415505	NA
o-Xylene	SW8260B	NA	05/14/13	1	0.66	5.0	ND	ug/ł	(g 415505	NA
Styrene	SW8260B	NA	05/14/13	1	0.77	10	ND	ug/ł	(g 415505	NA
Bromoform	SW8260B	NA	05/14/13	1	1.9	10	ND	ug/ł	(g 415505	NA
Isopropyl Benzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/ł	(g 415505	NA
n-Propylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/ł	(g 415505	NA
Bromobenzene	SW8260B	NA	05/14/13	1	1.2	10	ND	ug/ł	(g 415505	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	3.0	10	ND	ug/ł	(g 415505	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/ł	(g 415505	NA
1,2,3-Trichloropropane	SW8260B	NA	05/14/13	1	3.3	10	ND	ug/k	(g 415505	NA
4-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/k	(g 415505	NA
2-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/k	(g 415505	NA
tert-Butylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND	ug/k	(g 415505	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND	ug/k	(g 415505	NA
sec-Butyl Benzene	SW8260B	NA	05/14/13	1	1.6	10	ND	ug/k	(g 415505	NA
p-Isopropyltoluene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/k	(g 415505	NA
1,3-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.8	10	ND	ug/k	(g 415505	NA
1,4-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.5	10	ND	ug/k	(g 415505	NA
n-Butylbenzene	SW8260B	NA	05/14/13	1	2.2	10	ND	ug/k	(g 415505	NA
1,2-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.3	10	ND	ug/k	(g 415505	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/14/13	1	4.2	10	ND	ug/k	(g 415505	NA
Hexachlorobutadiene	SW8260B	NA	05/14/13	1	2.6	10	ND	ug/k	(g 415505	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.1	10	ND	ug/k	(g 415505	NA
Naphthalene	SW8260B	NA	05/14/13	1	2.8	10	ND	ug/k	(g 415505	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.9	10	ND	ug/k	(g 415505	NA
(S) Dibromofluoromethane	SW8260B	NA	05/14/13	1	59.8	148	90.8	%	415505	NA
(S) Toluene-d8	SW8260B	NA	05/14/13	1	55.2	133	102	%	415505	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/14/13	1	55.8	141	127	%	415505	NA

Total Page Count: 39 Page 18 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B4 15' **Lab Sample ID:** 1305068-003A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 11:35

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	5/15/13	05/15/13	1	0.2340	0.495	ND	•	mg/Kg	415458	8623
2-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
1-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND		mg/Kg	415458	8623
Acenaphthylene	SW8270C	5/15/13	05/15/13	1	0.1490	0.495	ND		mg/Kg	415458	8623
Acenaphthene	SW8270C	5/15/13	05/15/13	1	0.1640	0.495	ND		mg/Kg	415458	8623
Fluorene	SW8270C	5/15/13	05/15/13	1	0.08400	0.495	ND		mg/Kg	415458	8623
Phenanthrene	SW8270C	5/15/13	05/15/13	1	0.2040	0.495	ND		mg/Kg	415458	8623
Anthracene	SW8270C	5/15/13	05/15/13	1	0.2600	0.495	ND		mg/Kg	415458	8623
Fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2460	0.495	ND		mg/Kg	415458	8623
Pyrene	SW8270C	5/15/13	05/15/13	1	0.1910	0.495	ND		mg/Kg	415458	8623
Benz[a]anthracene	SW8270C	5/15/13	05/15/13	1	0.2990	0.495	ND		mg/Kg	415458	8623
Chrysene	SW8270C	5/15/13	05/15/13	1	0.1770	0.995	ND		mg/Kg	415458	8623
Benzo[b]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2030	0.495	ND		mg/Kg	415458	8623
Benzo[k]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.1310	0.495	ND		mg/Kg	415458	8623
Benzo[a]pyrene	SW8270C	5/15/13	05/15/13	1	0.2250	0.495	ND		mg/Kg	415458	8623
Indeno[1,2,3-cd]pyrene	SW8270C	5/15/13	05/15/13	1	0.1260	0.495	ND		mg/Kg	415458	8623
Dibenz[a,h]anthracene	SW8270C	5/15/13	05/15/13	1	0.06800	0.495	ND		mg/Kg	415458	8623
Benzo[g,h,i]perylene	SW8270C	5/15/13	05/15/13	1	0.07500	0.495	ND		mg/Kg	415458	8623
2-Fluorobiphenyl (S)	SW8270C	5/15/13	05/15/13	1	30	115	87.9		%	415458	8623
p-Terphenyl-d14 (S)	SW8270C	5/15/13	05/15/13	1	37.9	127	88.0		%	415458	8623

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/14/13	05/14/13	1	0.87	2.0	2.2	Х	mg/Kg	415449	8603
TPH as Motor Oil	SW8015B(M)	5/14/13	05/14/13	1	1.3	10	ND		mg/Kg	415449	8603
Pentacosane (S)	SW8015B(M)	5/14/13	05/14/13	1	49.9	144	103		%	415449	8603

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Total Page Count: 39 Page 19 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B9 08' **Lab Sample ID:** 1305068-004A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 13:55

 Tag Number:
 Cupertino

	Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ī	ead	SW6010B	5/14/13	05/14/13	1	0.13	1.0	23		ma/Ka	415438	8612

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
alpha-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND	<u> </u>	ug/Kg	415523	8619
gamma-BHC	SW8081A	5/15/13	05/16/13	1	0.61	2.0	ND		ug/Kg	415523	8619
beta-BHC	SW8081A	5/15/13	05/16/13	1	0.56	2.0	ND		ug/Kg	415523	8619
delta-BHC	SW8081A	5/15/13	05/16/13	1	0.40	2.0	ND		ug/Kg	415523	8619
Heptachlor	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
Aldrin	SW8081A	5/15/13	05/16/13	1	0.81	2.0	ND		ug/Kg	415523	8619
Heptachlor epoxide	SW8081A	5/15/13	05/16/13	1	0.36	2.0	ND		ug/Kg	415523	8619
gamma-Chlordane	SW8081A	5/15/13	05/16/13	1	0.79	2.0	ND		ug/Kg	415523	8619
alpha-Chlordane	SW8081A	5/15/13	05/16/13	1	0.94	2.0	ND		ug/Kg	415523	8619
Endosulfan I	SW8081A	5/15/13	05/16/13	1	0.64	2.0	ND		ug/Kg	415523	8619
4,4'-DDE	SW8081A	5/15/13	05/16/13	1	0.51	2.0	ND		ug/Kg	415523	8619
Dieldrin	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Endrin	SW8081A	5/15/13	05/16/13	1	0.86	2.0	ND		ug/Kg	415523	8619
4,4'-DDD	SW8081A	5/15/13	05/16/13	1	0.76	2.0	ND		ug/Kg	415523	8619
Endosulfan II	SW8081A	5/15/13	05/16/13	1	0.82	2.0	ND		ug/Kg	415523	8619
4,4'-DDT	SW8081A	5/15/13	05/16/13	1	0.67	2.0	ND		ug/Kg	415523	8619
Endrin aldehyde	SW8081A	5/15/13	05/16/13	1	0.46	2.0	ND		ug/Kg	415523	8619
Endosulfan sulfate	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Methoxychlor	SW8081A	5/15/13	05/16/13	1	0.61	5.0	ND		ug/Kg	415523	8619
Endrin Ketone	SW8081A	5/15/13	05/16/13	1	0.58	2.0	ND		ug/Kg	415523	8619
Chlordane	SW8081A	5/15/13	05/16/13	1	10	20	ND		ug/Kg	415523	8619
Toxaphene	SW8081A	5/15/13	05/16/13	1	8.2	100	ND		ug/Kg	415523	8619
TCMX (S)	SW8081A	5/15/13	05/16/13	1	52.5	139	89.6		%	415523	8619
DCBP (S)	SW8081A	5/15/13	05/16/13	1	50.2	139	90.7		%	415523	8619

Total Page Count: 39 Page 20 of 39



Report prepared for: Richard Gandolfo Date Received: 05/13/13
Engeo Inc (SJ) Date Reported: 05/22/13

Client Sample ID: B9 08' Lab Sample ID: 1305068-004A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 13:55

 Tag Number:
 Cupertino

Date DF MDL PQL Lab Unit **Analysis** Prep Results Analytical Prep Qualifier Batch Parameters: Method Date Analyzed Batch Aroclor1016 SW8082 0.0230 0.10 ND 415489 5/13/13 05/15/13 mg/Kg 8598 1 Aroclor1221 SW8082 5/13/13 05/15/13 1 0.0920 0.20 ND mg/Kg 415489 8598 SW8082 5/13/13 05/15/13 0.0460 0.10 ND mg/Kg 415489 8598 Aroclor1232 1 SW8082 ND Aroclor1242 5/13/13 05/15/13 0.0430 0.10 mg/Kg 415489 8598 1 Aroclor1248 SW8082 5/13/13 05/15/13 0.0360 0.10 ND mg/Kg 415489 8598 Aroclor1254 SW8082 5/13/13 05/15/13 0.0240 0.10 ND mg/Kg 415489 8598 1 Aroclor1260 SW8082 5/13/13 05/15/13 0.0270 0.10 ND mg/Kg 415489 8598 TCMX (S) SW8082 5/13/13 05/15/13 50.4 136 95.9 % 415489 8598 1 DCBP (S) SW8082 5/13/13 05/15/13 44 128 93.6 415489 8598

Total Page Count: 39 Page 21 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B9 08' **Lab Sample ID:** 1305068-004A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 13:55

 Tag Number:
 Cupertino

	Analysis	Prep	Date	DF	MDL	PQL	Results	Lab	Unit	Analytical	Prep
Parameters:	Method	Date	Analyzed					Qualifier		Batch	Batch
Dichlorodifluoromethane	SW8260B	NA	05/14/13	1	4.4	10	ND		ug/Kg	415505	NA
Chloromethane	SW8260B	NA	05/14/13	1	4.6	10	ND		ug/Kg	415505	NA
Vinyl Chloride	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
Bromomethane	SW8260B	NA	05/14/13	1	4.7	10	ND		ug/Kg	415505	NA
Trichlorofluoromethane	SW8260B	NA	05/14/13	1	2.9	10	ND		ug/Kg	415505	NA
1,1-Dichloroethene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
Freon 113	SW8260B	NA	05/14/13	1	3.7	10	ND		ug/Kg	415505	NA
Methylene Chloride	SW8260B	NA	05/14/13	1	2.0	50	ND		ug/Kg	415505	NA
trans-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
MTBE	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
tert-Butanol	SW8260B	NA	05/14/13	1	21	50	ND		ug/Kg	415505	NA
Diisopropyl ether (DIPE)	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,1-Dichloroethane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
ETBE	SW8260B	NA	05/14/13	1	2.4	10	ND		ug/Kg	415505	NA
cis-1,2-Dichloroethene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
2,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Bromochloromethane	SW8260B	NA	05/14/13	1	2.3	10	ND		ug/Kg	415505	NA
Chloroform	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
Carbon Tetrachloride	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
1,1,1-Trichloroethane	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Benzene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
TAME	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dichloroethane	SW8260B	NA	05/14/13	1	1.9	10	ND		ug/Kg	415505	NA
Trichloroethylene	SW8260B	NA	05/14/13	1	3.9	10	ND		ug/Kg	415505	NA
Dibromomethane	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,2-Dichloropropane	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
Bromodichloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
cis-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Toluene	SW8260B	NA	05/14/13	1	0.98	10	ND		ug/Kg	415505	NA
Tetrachloroethylene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
trans-1,3-Dichloropropene	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1,2-Trichloroethane	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
Dibromochloromethane	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
1,3-Dichloropropane	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
1,2-Dibromoethane	SW8260B	NA	05/14/13	1	1.7	10	ND		ug/Kg	415505	NA

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Total Page Count: 39 Page 22 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B9 08' **Lab Sample ID:** 1305068-004A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 13:55

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Ethyl Benzene	SW8260B	NA	05/14/13	1	0.86	10	ND		ug/Kg	415505	NA
Chlorobenzene	SW8260B	NA	05/14/13	1	4.2	10	ND		ug/Kg	415505	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	0.86	10	ND		ug/Kg	415505	NA
m,p-Xylene	SW8260B	NA	05/14/13	1	1.9	10	ND		ug/Kg	415505	NA
o-Xylene	SW8260B	NA	05/14/13	1	0.66	5.0	ND		ug/Kg	415505	NA
Styrene	SW8260B	NA	05/14/13	1	0.77	10	ND		ug/Kg	415505	NA
Bromoform	SW8260B	NA	05/14/13	1	1.9	10	ND		ug/Kg	415505	NA
Isopropyl Benzene	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
n-Propylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
Bromobenzene	SW8260B	NA	05/14/13	1	1.2	10	ND		ug/Kg	415505	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	05/14/13	1	3.0	10	ND		ug/Kg	415505	NA
1,3,5-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
1,2,3-Trichloropropane	SW8260B	NA	05/14/13	1	3.3	10	ND		ug/Kg	415505	NA
4-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
2-Chlorotoluene	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
tert-Butylbenzene	SW8260B	NA	05/14/13	1	1.4	10	ND		ug/Kg	415505	NA
1,2,4-Trimethylbenzene	SW8260B	NA	05/14/13	1	1.1	10	ND		ug/Kg	415505	NA
sec-Butyl Benzene	SW8260B	NA	05/14/13	1	1.6	10	ND		ug/Kg	415505	NA
p-Isopropyltoluene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
1,3-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.8	10	ND		ug/Kg	415505	NA
1,4-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.5	10	ND		ug/Kg	415505	NA
n-Butylbenzene	SW8260B	NA	05/14/13	1	2.2	10	ND		ug/Kg	415505	NA
1,2-Dichlorobenzene	SW8260B	NA	05/14/13	1	1.3	10	ND		ug/Kg	415505	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	05/14/13	1	4.2	10	ND		ug/Kg	415505	NA
Hexachlorobutadiene	SW8260B	NA	05/14/13	1	2.6	10	ND		ug/Kg	415505	NA
1,2,4-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.1	10	ND		ug/Kg	415505	NA
Naphthalene	SW8260B	NA	05/14/13	1	2.8	10	ND		ug/Kg	415505	NA
1,2,3-Trichlorobenzene	SW8260B	NA	05/14/13	1	2.9	10	ND		ug/Kg	415505	NA
(S) Dibromofluoromethane	SW8260B	NA	05/14/13	1	59.8	148	89.4		%	415505	NA
(S) Toluene-d8	SW8260B	NA	05/14/13	1	55.2	133	109		%	415505	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/14/13	1	55.8	141	127		%	415505	NA

Total Page Count: 39 Page 23 of 39



Report prepared for:
Richard Gandolfo
Engeo Inc (SJ)
Date Received: 05/13/13
Date Reported: 05/22/13

Client Sample ID: B9 08' **Lab Sample ID:** 1305068-004A

Project Name/Location: Cupertino Sample Matrix: Soil

 Project Number:
 10014.000.000

 Date/Time Sampled:
 05/13/13 / 13:55

 Tag Number:
 Cupertino

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Unit Qualifier	Analytical Batch	Prep Batch
	ourou		, and y zou					- Cadamio	- Duton	
Naphthalene	SW8270C	5/15/13	05/15/13	1	0.2340	0.495	ND	mg/Kg	415458	8623
2-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND	mg/Kg	415458	8623
1-Methylnaphthalene	SW8270C	5/15/13	05/15/13	1	0.1590	0.495	ND	mg/Kg	415458	8623
Acenaphthylene	SW8270C	5/15/13	05/15/13	1	0.1490	0.495	ND	mg/Kg	415458	8623
Acenaphthene	SW8270C	5/15/13	05/15/13	1	0.1640	0.495	ND	mg/Kg	415458	8623
Fluorene	SW8270C	5/15/13	05/15/13	1	0.08400	0.495	ND	mg/Kg	415458	8623
Phenanthrene	SW8270C	5/15/13	05/15/13	1	0.2040	0.495	ND	mg/Kg	415458	8623
Anthracene	SW8270C	5/15/13	05/15/13	1	0.2600	0.495	ND	mg/Kg	415458	8623
Fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2460	0.495	ND	mg/Kg	415458	8623
Pyrene	SW8270C	5/15/13	05/15/13	1	0.1910	0.495	ND	mg/Kg	415458	8623
Benz[a]anthracene	SW8270C	5/15/13	05/15/13	1	0.2990	0.495	ND	mg/Kg	415458	8623
Chrysene	SW8270C	5/15/13	05/15/13	1	0.1770	0.995	ND	mg/Kg	415458	8623
Benzo[b]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.2030	0.495	ND	mg/Kg	415458	8623
Benzo[k]fluoranthene	SW8270C	5/15/13	05/15/13	1	0.1310	0.495	ND	mg/Kg	415458	8623
Benzo[a]pyrene	SW8270C	5/15/13	05/15/13	1	0.2250	0.495	ND	mg/Kg	415458	8623
Indeno[1,2,3-cd]pyrene	SW8270C	5/15/13	05/15/13	1	0.1260	0.495	ND	mg/Kg	415458	8623
Dibenz[a,h]anthracene	SW8270C	5/15/13	05/15/13	1	0.06800	0.495	ND	mg/Kg	415458	8623
Benzo[g,h,i]perylene	SW8270C	5/15/13	05/15/13	1	0.07500	0.495	ND	mg/Kg	415458	8623
2-Fluorobiphenyl (S)	SW8270C	5/15/13	05/15/13	1	30	115	82.2	%	415458	8623
p-Terphenyl-d14 (S)	SW8270C	5/15/13	05/15/13	1	37.9	127	84.5	%	415458	8623

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/14/13	05/14/13	1	0.87	2.0	ND		mg/Kg	415449	8603
TPH as Motor Oil	SW8015B(M)	5/14/13	05/14/13	1	1.3	10	ND		mg/Kg	415449	8603
Pentacosane (S)	SW8015B(M)	5/14/13	05/14/13	1	49.9	144	83.5		%	415449	8603

Total Page Count: 39 Page 24 of 39



NA NA Work Order: 1305068 Prep Method: Prep Date: NA Prep Batch: Soil SW8260B Matrix: 05/14/13

Analytical **Analyzed Date:** Method: Units: ug/Kg

Batch:

415505 Analytical

Method Lab MDL PQL **Blank** Qualifier **Parameters** Conc. Dichlorodifluoromethane 4.4 10 ND Chloromethane 4.6 10 ND Vinyl Chloride 2.6 10 ND Bromomethane 4.7 10 ND Trichlorofluoromethane 2.9 10 ND 1,1-Dichloroethene 1.5 10 ND Freon 113 3.7 10 ND Methylene Chloride ND 2.0 50 trans-1,2-Dichloroethene 1.1 10 ND **MTBE** 2.6 10 ND tert-Butanol 21 50 ND Diisopropyl ether (DIPE) 2.2 10 ND 1,1-Dichloroethane ND 1.3 10 **ETBE** 2.4 10 ND cis-1,2-Dichloroethene ND 1.8 10 2,2-Dichloropropane 1.2 10 ND Bromochloromethane 2.3 10 ND Chloroform 1.2 10 ND Carbon Tetrachloride ND 1.6 10 1,1,1-Trichloroethane 1.2 10 ND 1,1-Dichloropropene 1.4 10 ND 1.5 10 ND Benzene **TAME** 2.1 10 ND 1,2-Dichloroethane 1.9 10 ND Trichloroethylene 3.9 ND 10 Dibromomethane 2.2 10 ND 1,2-Dichloropropane ND 1.3 10 Bromodichloromethane 1.1 10 ND ND cis-1,3-Dichloropropene 1.4 10 ND Toluene 0.98 10 Tetrachloroethylene 1.8 10 ND trans-1,3-Dichloropropene 1.2 10 ND ND 1,1,2-Trichloroethane 1.8 10 Dibromochloromethane 1.1 10 ND 1,3-Dichloropropane 2.1 10 ND 1,2-Dibromoethane 1.7 10 ND Ethyl Benzene 0.86 10 ND Chlorobenzene ND 4.2 10 1,1,1,2-Tetrachloroethane 0.86 ND 10 m,p-Xylene 1.9 10 2.4

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Total Page Count: 39 Page 25 of 39



Work Order: Prep Method: NA Prep Date: NA Prep Batch: NA 1305068 Matrix: Soil Analytical Method: SW8260B Analyzed Date: 05/14/13 Analytical 415505

Units: ug/Kg

Batch:

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	0.66	5.0	ND	ı
Styrene	0.77	10	ND	
Bromoform	1.9	10	ND	
Isopropyl Benzene	1.2	10	ND	
n-Propylbenzene	1.4	10	ND	
Bromobenzene	1.2	10	ND	
1,1,2,2-Tetrachloroethane	3.0	10	ND	
1,3,5-Trimethylbenzene	1.1	10	ND	
1,2,3-Trichloropropane	3.3	10	ND	
4-Chlorotoluene	1.6	10	ND	
2-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.4	10	ND	
1,2,4-Trimethylbenzene	1.1	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.8	10	ND	
1,4-Dichlorobenzene	1.5	10	ND	
n-Butylbenzene	2.2	10	ND	
1,2-Dichlorobenzene	1.3	10	ND	
1,2-Dibromo-3-Chloropropane	4.2	10	ND	
Hexachlorobutadiene	2.6	10	ND	
1,2,4-Trichlorobenzene	2.1	10	ND	
Naphthalene	2.8	10	ND	
1,2,3-Trichlorobenzene	2.9	10	ND	
(S) Dibromofluoromethane			101	
(S) Toluene-d8			125	
(S) 4-Bromofluorobenzene			139	

Total Page Count: 39 Page 26 of 39



Work Order:	1305068	Prep	Method:	3545_PCB	Prep	Date:	05/13/13	Prep Batch:	8598
Matrix:	Soil	Analy		SW8082	Anal	yzed Date:	05/13/13	Analytical	415422
Units:	mg/Kg	Metho	od:					Batch:	
Parameters		MDL	PQL	Method Blank Conc.	Lab Qualifier				
Aroclor1016		0.0230	0.10	ND					
Aroclor1221		0.0920	0.20	ND					
Aroclor1232		0.0460	0.10	ND					
Aroclor1242		0.0430	0.10	ND					
Aroclor1248		0.0360	0.10	ND					
Aroclor1254		0.0240	0.10	ND					
Aroclor1260		0.0270	0.10	ND					
TCMX (S)				75.2					
DCBP (S)				82.1					
Work Order:	1305068	Prep	Method:	3545_TPHSG	3545_TPHSG Prep Date:		05/14/13	Prep Batch:	8603
Matrix:	Soil	Analy		SW8015B(M)	SW8015B(M) Analyzed Date:		05/14/13	Analytical	415449
Units:	mg/Kg	Metho	od:					Batch:	
Parameters		MDL	PQL	Method Blank Conc.	Lab Qualifier				
TPH as Diesel		0.87	2.0	1.9					
TPH as Motor Oil		1.3	10	5.9					
Pentacosane (S)				97.9					
Work Order:	1305068	Prep	Method:	3050	Prep	Date:	05/14/13	Prep Batch:	8612
Matrix:	Soil	Analy		SW6010B	Anal	yzed Date:	05/14/13	Analytical	415438
Units:	mg/Kg	Metho	od:					Batch:	
Parameters		MDL	PQL	Method Blank Conc.	Lab Qualifier				
Arsenic		0.25	1.7	ND					
Lead		0.14	1.0	0.36					

Total Page Count: 39 Page 27 of 39



Work Order: Prep Method: 3545_OCP Prep Date: 05/15/13 Prep Batch: 8619 1305068 Matrix: Soil Analytical Method: SW8081A Analyzed Date: 05/15/13 Analytical Batch: 415502

Units: ug/Kg

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.61	2.0	ND	
gamma-BHC	0.61	2.0	ND	
beta-BHC	0.56	2.0	ND	
delta-BHC	0.40	2.0	ND	
Heptachlor	0.79	2.0	ND	
Aldrin	0.81	2.0	ND	
Heptachlor epoxide	0.36	2.0	ND	
gamma-Chlordane	0.79	2.0	ND	
alpha-Chlordane	0.94	2.0	ND	
Endosulfan I	0.64	2.0	ND	
4,4'-DDE	0.51	2.0	ND	
Dieldrin	0.58	2.0	ND	
Endrin	0.86	2.0	ND	
4,4'-DDD	0.76	2.0	ND	
Endosulfan II	0.82	2.0	ND	
4,4'-DDT	0.67	2.0	ND	
Endrin aldehyde	0.46	2.0	ND	
Endosulfan sulfate	0.58	2.0	ND	
Methoxychlor	0.61	5.0	1.9	
Endrin Ketone	0.58	2.0	ND	
Chlordane	10	20	ND	
Toxaphene	8.2	100	ND	
TCMX (S)			86.6	
DCBP (S)			84.9	

Total Page Count: 39 Page 28 of 39



Work Order:	1305068	Prep Method:	3545_PAH	Prep Date:	05/15/13	Prep Batch:	8623
Matrix:	Soil	Analytical	SW8270C	Analyzed Date:	05/15/13	Analytical	415458
Units:	mg/Kg	Method:				Batch:	

Parameters		MDL	PQL	Method Blank Conc.	Lab Qualifier			
Naphthalene		0.2340	0.495	ND				
2-Methylnaphthale	ne	0.1590	0.495	ND				
1-Methylnaphthale	ene	0.1590	0.495	ND				
Acenaphthylene		0.1490	0.495	ND				
Acenaphthene		0.1640	0.495	ND				
Fluorene		0.08400	0.495	ND				
Phenanthrene		0.2040	0.495	ND				
Anthracene		0.2600	0.495	ND				
Fluoranthene		0.2460	0.495	ND				
Pyrene		0.1910	0.495	ND				
Benz[a]anthracene	e	0.2990	0.495	ND				
Chrysene		0.1770	0.995	ND				
Benzo[b]fluoranthe	ene	0.2030	0.495	ND				
Benzo[k]fluoranthe	ene	0.1310	0.495	ND				
Benzo[a]pyrene		0.2250	0.495	ND				
Indeno[1,2,3-cd]py	rene	0.1260	0.495	ND				
Dibenz[a,h]anthrad	cene	0.06800	0.495	ND				
Benzo[g,h,i]peryle	ne	0.07500	0.495	ND				
2-Fluorobiphenyl (S)			85.0				
p-Terphenyl-d14 (\$	5)			90.6				
Work Order:	1305068	Prep N	lethod:	5035	Prep Date:	05/14/13	Prep Batch:	8647
Matrix:	Soil	Analyt		8260TPH	Analyzed Date:	05/14/13	Analytical	415505
Units:	ug/Kg	Metho	a :				Batch:	

Total Page Count: 39 Page 29 of 39



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1305068	Prep Method:	NA	Prep Date:	NA	Prep Batch:	NA
Matrix:	Soil	Analytical	SW8260B	Analyzed Date:	05/14/13	Analytical	415505
Units:	ug/Kg	Method:				Batch:	

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	104	120	14.6	53.7 - 139	30	
Benzene	1.5	10	ND	50	86.0	95.8	10.8	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	94.2	96.4	2.29	57.5 - 150	30	
Toluene	0.98	10	ND	50	94.4	101	6.32	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	101	110	8.30	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	94.1	108		59.8 - 148		
(S) Toluene-d8			ND	50	111	117		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	129	134		55.8 - 141		

Work Order:	1305068	Prep Method:	3545_PCB	Prep Date:	05/13/13	Prep Batch:	8598
Matrix:	Soil	Analytical	SW8082	Analyzed Date:	05/13/13	Analytical	415422
Units:	mg/Kg	Method:				Batch:	

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	0.0230	0.10	ND	0.5	93.8	88.1	6.33	55.6 - 135	30	
Aroclor1260	0.0270	0.10	ND	0.5	84.7	86.1	1.56	65.6 - 132	30	
TCMX (S)			ND	0.25	82.9	83.9		50.4 - 136		
DCBP (S)			ND	0.250	80.3	80.9		44 - 128		

Work Order:	1305068	Prep Method:	3545_TPHSG	Prep Date:	05/14/13	Prep Batch:	8603
Matrix:	Soil	Analytical	SW8015B(M)	Analyzed Date:	05/14/13	Analytical	415449
Units:	mg/Kg	Method:				Batch:	

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.87	2.0	1.9	33.33	74.4	59.2	22.6	50.8 - 111	30	
Pentacosane (S)			5.9	100	92.7	80.0		49.9 - 144		

Total Page Count: 39 Page 30 of 39

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LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order: 05/14/13 8612 1305068 Prep Method: 3050 Prep Date: Prep Batch: SW6010B 05/14/13 415438 Matrix: Analytical Analyzed Date: Analytical Soil Method: Batch: Units: mg/Kg

LCS/LCSD Method LCS % LCSD % % Spike **Parameters** MDL **PQL Blank** Conc. Recovery Recovery % RPD Recovery % RPD Lab Qualifier Conc. Limits Limits ND 0.25 1.7 50 103 102 0.780 71 - 121 30 Arsenic Lead 0.14 1.0 0.36 50 104 102 67.9 - 118 30 1.55

Work Order: **Prep Method:** 3545_OCP Prep Batch: 1305068 Prep Date: 05/15/13 8619 Matrix: Soil **Analytical** SW8081A **Analyzed Date:** 05/15/13 **Analytical** 415502 Method: Batch: Units: ug/Kg

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC	0.61	2.0	ND	20	85.3	81.9	4.07	56.9 - 120	30	
Heptachlor	0.79	2.0	ND	20	83.5	80.0	4.32	63.6 - 117	30	
Aldrin	0.81	2.0	ND	20	81.4	76.8	5.81	53 - 123	30	
Dieldrin	0.58	2.0	ND	20	84.9	80.8	4.96	44 - 130	30	
Endrin	0.86	2.0	ND	20	90.9	87.1	4.20	44.1 - 121	30	
4,4'-DDT	0.67	2.0	ND	20	108	103	4.12	52.8 - 134	30	
TCMX (S)			ND	350	93.0	88.3		52.5 - 139		
DCBP (S)			ND	350	88.1	84.0		50.2 - 139		

Work Order: **Prep Method:** 3545_PAH Prep Date: 05/15/13 Prep Batch: 8623 1305068 Matrix: Analytical SW8270C 05/15/13 415458 Soil Analyzed Date: Analytical Method: Batch: mg/Kg Units:

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.164	0.495	ND	1	84.9	84.8	0.0801	29.1 - 94.8	30	
Pyrene	0.191	0.495	ND	1	91.5	88.9	2.91	34.2 - 127	30	
2-Fluorobiphenyl (S)			ND	20	85.1	84.7		30 - 115		
p-Terphenyl-d14 (S)			ND	20	90.2	88.2		37.9 - 127		

Total Page Count: 39 Page 31 of 39

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LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order: Prep Method: 5035 Prep Date: 05/14/13 Prep Batch: 8647 1305068 Matrix: Soil Analytical Method: 8260TPH Analyzed Date: 05/14/13 Analytical Batch: 415505 Units: ug/Kg

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	30	100	ND	1000	86.7	105	19.4	64.0 - 133.2	30	
(S) 4-Bromofluorobenzene			92.4	50	102	98.9		43.9 - 127		

Total Page Count: 39 Page 32 of 39

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MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order: 1305068 Prep Method:

Prep Date: 05/14/13 Prep Batch: 8603

Matrix:

Soil

3545_TPHSG Analytical SW8015B(M)

Analyzed Date: 05/14/13

Analytical

415449

Spiked Sample:

1305068-003A

Method:

Batch:

Units: mg/Kg

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.87	2.0	66.295	33.33	73.2	64.7	11.1	50.8 - 111	30	
Pentacosane (S)				100	108	97.7		49.9 - 144		

Work Order:

Units:

1305068

Prep Method:

Method:

Prep Date:

05/15/13

Prep Batch:

Batch:

8623

Matrix:

Soil

3545_PAH SW8270C Analytical

Analyzed Date:

05/15/13

Analytical

415458

Spiked Sample:

1305068-003A

mg/Kg

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Acenaphthene	0.164	0.495	0	1	82.2	87.2	5.95	29.1 - 94.8	30	
Pyrene	0.191	0.495	0	1	85.1	85.6	0.609	34.2 - 127	30	
2-Fluorobiphenyl (S)				20	82.6	87.2		30 - 115		
p-Terphenyl-d14 (S)				20	88.1	89.5		37.9 - 127		

Work Order:

1305068

Prep Method: NA

SW8260B

Prep Date:

NA

Prep Batch:

NA

Matrix:

Soil

Analytical Method:

Analyzed Date:

05/14/13

Analytical Batch:

415505

Spiked Sample:

1305068-003A

Units: ug/Kg

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	0	50	100	106	5.76	53.7 - 139	30	•
Benzene	1.5	10	0	50	85.3	86.8	1.81	66.5 - 135	30	
Trichloroethylene	3.9	10	0	50	81.1	90.2	10.7	57.5 - 150	30	
Toluene	0.98	10	0	50	88.6	95.8	7.79	56.8 - 134	30	
Chlorobenzene	4.2	10	0	50	103	108	5.24	57.4 - 134	30	
(S) Dibromofluoromethane				50	98.8	91.6		59.8 - 148		
(S) Toluene-d8				50	103	100		55.2 - 133		
(S) 4-Bromofluorobenzene				50	127	136		55.8 - 141		

Total Page Count: 39 Page 33 of 39



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order: 1305068

3545_OCP SW8081A Prep Date: 05

05/15/13

Prep Batch: 8619

Matrix:

Soil

Prep Method: Analytical

Analyzed Date:

05/16/13

Analytical

415523

Spiked Sample:

1305068-003A

Method:

naiyzeu Daie.

Dot

Batch:

Units:

ug/Kg

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aldrin	0.81	2.0	0	20	70.9	79.0	10.7	53 - 123	30	•
gamma-BHC	0.61	2.0	0	20	69.5	75.1	7.79	56.9 - 120	30	
Heptachlor	0.79	2.0	0	20	68.1	73.8	8.08	63.6 - 117	30	
Dieldrin	0.58	2.0	0	20	69.0	75.2	8.60	44 - 130	30	
Endrin	0.86	2.0	0	20	78.7	87.5	10.6	44.1 - 121	30	
4,4'-DDT	0.67	2.0	0	20	99.1	110	10.1	52.8 - 134	30	
TCMX (S)				350	77.9	87.2		52.5 - 139	,"	
DCBP (S)				350	78.7	86.3		50.2 - 139	,"	

Total Page Count: 39 Page 34 of 39



Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.

Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.

Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)

Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.

Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)

Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.

Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero

Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.

Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates

Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis

Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.

Units: the unit of measure used to express the reported result - mg/L and mg/Kg (equivalent to PPM - parts per million in liquid and solid), ug/L and ug/Kg (equivalent to PPB - parts per billion in liquid and solid), ug/m3, mg.m3, ppbv and ppmv (all units of measure for reporting concentrations in air), % (equivalent to 10000 ppm or 1,000,000 ppb), ug/Wipe (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

- $\ensuremath{\mathbf{B}}$ Indicates when the anlayte is found in the associated method or preparation blank
- **D** Surrogate is not recoverable due to the necessary dilution of the sample
- **E** Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
- H- Indicates that the recommended holding time for the analyte or compound has been exceeded
- J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
- NA Not Analyzed
- N/A Not Applicable
- **NR** Not recoverable a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
- R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
- S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
- **X** -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

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Sample Receipt Checklist

Client Name: Engeo Inc (SJ)

Date and Time Received: 5/13/2013 15:30

Project Name: <u>Cupertino</u> Received By: <u>kb</u>

Work Order No.: 1305068 Physically Logged By: Idi

Checklist Completed By: Idi

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present? <u>Yes</u>

Chain of custody signed when relinquished and received? Yes

Chain of custody agrees with sample labels? Yes

Custody seals intact on sample bottles? <u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?

Not Present

Shipping Container/Cooler In Good Condition? <u>Yes</u>

Samples in proper container/bottle?

Samples containers intact? <u>Yes</u>

Sufficient sample volume for indicated test? Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes

Container/Temp Blank temperature in compliance? <u>No</u> Temperature: <u>18</u> °C

Water-VOA vials have zero headspace? No VOA vials submitted

Water-pH acceptable upon receipt? N/A

pH Checked by: n/a pH Adjusted by: n/a

Temperature upon receipt was out compliance. Chilling has begun.

Total Page Count: 39 Page 36 of 39

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Login Summary Report

Client ID: TL5224 Engeo Inc (SJ) QC Level: IV

 Project Name:
 Cupertino
 TAT Requested:
 5+ day:0

 Project #:
 10014.000.000
 Date Received:
 5/13/2013

Report Due Date: 5/20/2013 Time Received: 15:30

Comments: 5day TAT. Four soils submitted for Pb, VOCs (full list), TPHDO, PAH, OCPs, Herbicides (subbed), and PCBs. Send report

to Richard Gandolfo.QC Level IV

TPHDO should be with silica gel clean-up per client email. --KB 05/13/13

Work Order #: 1305068

WO Sample ID	Client Sample ID	Collection Date/Time	<u>Matrix</u>	Scheduled Disposal	Sample On Hold	<u>Test</u> On Hold	Requested Tests	Subbed
1305068-001A	B2 13'	05/13/13 10:50	Soil	11/09/13			S_6010BAs/Pb SUB_8151 Herbicides S_8270PAH S_8260Full S_8082PCB S_8081AOCP S_TPHDOSG	Yes
Sample Note:	Metals (Pb). VOCs (full list	t). TPHDO (with sil	ica gel c/u).	PAH. OCPs	. PCBs.			
1305068-002A	B3 0.5'	05/13/13 11:15	Soil	11/09/13				
							S_6010BAs/Pb S_8260Full S_TPHDOSG S_8082PCB S_8081AOCP S_8270PAH SUB_8151 Herbicides	Yes
1305068-003A	B4 15'	05/13/13 11:35	Soil	11/09/13			S_6010BAs/Pb S_8260Full	
							SUB_8151 Herbicides S_8082PCB S_8081AOCP S_TPHDOSG S_8270PAH	Yes
1305068-004A	B9 08'	05/13/13 13:55	Soil	11/09/13			S_6010BAs/Pb S_8270PAH S_TPHDOSG S_8082PCB S_8081AOCP S_8260Full SUB_8151 Herbicides	Yes

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Total Page Count: 39 Page 37 of 39



	LABO	rren		AX: 408.263. www.lcmentlab			OTE: SHA	ADED A	REAS /	ARE FO	R TORR	ENT LA	USE	ONLY.	130	2068
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	Dew D	(Westings) Sweetings) Sweetings)	hum Nicss	SAMPLE Sure W	- 04	Ø oc		Coos	~	THICK BOTH	(828)	1143	3 (3080)		(ANALYSIS REQUESTED
AB ID	CANISTER LD.	CLIENT'S SAA	RPLE).D.	DATE / TH SAMPLE	MATRI	CONT	CONT	Lead	780	H	PAH	Christ	PCE			REMARKS
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Total Page Count: 39 Page 38 of 39



Sec.

format Laboratory, Ires. Mart - HE: Capartires - 1208030



RE: Cupartino - 1305068

Richard Gandolfo ergandolfo@ergeo.com> To: "Tomant Laboratory, inc." pm@toman@absistory.com>

Mon. May 13, 2013 at 6:21 PM

Please edd silics gel clean up to the 2015M:

Trunk you.

Redwind

From: Torrent Laboratory, Ive. [mello: one-percentaboratory.com] Sent: Monday, May 13, 2013 5:19 PM To: Richard Gendorfo Subject: Cupertine - 1305000

Richard.

Attached is the logic summery for work order \$100008. Don't healtake to contact me with any questions or concerns.

Bost Regunts.

Kerto

Best Regards,

Janua Winn-Shiting x206 and lorin Remittein x204, x209

Toment's Project Management Team (406) 263-5256 ext 204, 206, 209 projectment laboratory.com

483 Sincialr Frontage Rd Milpitae, CA 95035 environmentalboratory.com

The mentance of this message are confidential and are bound by law from disclarate, tempering, or any other was my a third party.

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Total Page Count: 39 Page 39 of 39

460 N East Street Woodland, CA 95776 Phone: (530) 666-6890 Fax: (530) 666-2987 e-mail: emalab@emalab.com website: www.emalab.com

Amount RL

Analytical Report Preliminary

N	May 22, 2013	<u>Analyte</u>	ppm	ppm
		2, 4 - D	ND	0.050
Client:	Janice Winn-Shilling	2, 4 -DB	ND	0.050
	Torrent Laboratory, Inc.	2, 4, 5 - T	ND	0.050
	483 Sinclair Frontage Road	2, 4, 5 -TP	ND	0.050
	Milpitas . CA 95035	Dicamba	ND	0.050
Db	(408) 263-5258	Dichloroprop	ND	0.050
Phone: Fax:	(408) 263-8293	Dinoseb	ND	0.050

Project No:

PO No:

Email: pm@torrentlaboratory.com

Client Sample ID: 1305068-001A

Sample Date: 5/13/2013
EMA Sample No: 13051416-01
Date Received: 5/14/2013
Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 5/16/2013

Date Completed: 5/20/2013

Surrogate: DCAA

Surrogate Level: 0.33 ppm

Recovery: Preliminary

Woodland, CA 95776

Phone: (530) 666-6890 Fax: (530) 666-2987 e-mail: emalab@emalab.com website: www.emalab.com

Amount RL

Analytical Report Preliminary

N	Лау 22, 2013	Analyte	ppm	ppm
		2, 4 - D	ND	0.050
Client:	Janice Winn-Shilling	2, 4 - DB	ND	0.050
	Torrent Laboratory, Inc.	2, 4, 5 - T	ND	0.050
	483 Sinclair Frontage Road	2, 4, 5 -TP	ND	0.050
	Milpitas CA 95035	Dicamba	ND	0.050
DI	(408) 263-5258	Dichloroprop	ND	0.050
Phone: Fax:	(408) 263-8293	Dinoseb	ND	0.050

Project No:

PO No:

Email: pm@torrentlaboratory.com

Client Sample ID: 1305068-002A

Sample Date: 5/13/2013
EMA Sample No: 13051416-02
Date Received: 5/14/2013
Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 5/16/2013

Date Completed: 5/20/2013

Surrogate: DCAA

Surrogate Level: 0.33 ppm

Recovery: Preliminary

Woodland, CA 95776

Phone: (530) 666-6890 Fax: (530) 666-2987 e-mail: emalab@emalab.com website: www.emalab.com

RL

<u>Amount</u>

Analytical Report Preliminary

N	Лау 22, 2013	Analyte	<u>ppm</u>	ppm
		2, 4 - D	ND	0.050
Client:	Janice Winn-Shilling	2, 4 -DB	ND	0.050
	Torrent Laboratory, Inc.	2, 4, 5 - T	ND	0.050
	483 Sinclair Frontage Road	2, 4, 5 -TP	ND	0.050
	Milpitas CA 95035	Dicamba	ND	0.050
DI	(408) 263-5258	Dichloroprop	ND	0.050
Phone: Fax:	(408) 263-8293	Dinoseb	ND	0.050

Project No:

PO No:

Email: pm@torrentlaboratory.com

Client Sample ID: 1305068-003A

Sample Date: 5/13/2013
EMA Sample No: 13051416-03
Date Received: 5/14/2013
Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 5/16/2013

Date Completed: 5/20/2013

Surrogate: DCAA

Surrogate Level: 0.33 ppm

Recovery: Preliminary

460 N East Street Woodland, CA 95776 Phone: (530) 666-6890 Fax: (530) 666-2987 e-mail: emalab@emalab.com website: www.emalab.com

RL

<u>Amount</u>

Analytical Report Preliminary

N	Лау 22, 2013	Analyte	<u>ppm</u>	ppm
		2, 4 - D	ND	0.050
Client:	Janice Winn-Shilling	2, 4 -DB	ND	0.050
	Torrent Laboratory, Inc.	2, 4, 5 - T	ND	0.050
	483 Sinclair Frontage Road	2, 4, 5 -TP	ND	0.050
	Milpitas CA 95035	Dicamba	ND	0.050
DI	(408) 263-5258	Dichloroprop	ND	0.050
Phone: Fax:	(408) 263-8293	Dinoseb	ND	0.050

Project No:

PO No:

Email: pm@torrentlaboratory.com

Client Sample ID: 1305068-004A

Sample Date: 5/13/2013
EMA Sample No: 13051416-04
Date Received: 5/14/2013
Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 5/16/2013

Date Completed: 5/20/2013

Surrogate: DCAA

Surrogate Level: 0.33 ppm

Recovery: Preliminary

460 N East Street Woodland, CA 95776 Phone: (530) 666-6890 Fax: (530) 666-2987 e-mail: emalab@emalab.com website: www.emalab.com

Amount RL

Analytical Report Preliminary

N	May 22, 2013	<u>Analyte</u>	ppm	ppm
		2, 4 - D	ND	0.050
Client:	Janice Winn-Shilling	2, 4 -DB	ND	0.050
	Torrent Laboratory, Inc.	2, 4, 5 - T	ND	0.050
	483 Sinclair Frontage Road	2, 4, 5 -TP	ND	0.050
	Milpitas . CA 95035	Dicamba	ND	0.050
Db	(408) 263-5258	Dichloroprop	ND	0.050
Phone: Fax:	(408) 263-8293	Dinoseb	ND	0.050

Project No:

PO No:

Email: pm@torrentlaboratory.com

Client Sample ID: Blank

Sample Date:

EMA Sample No: 13051416-00
Date Received: 5/14/2013
Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 5/16/2013

Date Completed: 5/20/2013

Surrogate: DCAA

Surrogate Level: 0.33 ppm

Recovery: Preliminary