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# PHASE I ENVIRONMENTAL SITE ASSESSMENT

THE GREEN – GENERAL PLAN AMENDMENT STUDY APNS 986-033-004, 986-033-005-2, AND 986-033-006 DUBLIN, CALIFORNIA



Submitted to: Mr. Jerry Haag 2029 University Avenue Berkeley, CA 94704

Prepared by: ENGEO Incorporated

August 2, 2013

Project No: 10267.000.000

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Project No. **10267.000.000** 

August 2, 2013

Mr. Jerry Haag 2029 University Avenue Berkeley, CA 94704

Subject: The Green – General Plan Amendment Study

Dublin, California

#### PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Haag:

ENGEO is pleased to present our phase I environmental site assessment of the subject property, (Property) located in Dublin, 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.

Sincerely,

**ENGEO** Incorporated

Divya Bhargava Project Engineer Patrick S. Lam, CEG Geologist

Brian Flaherty, CHG Principal

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#### LIST OF ACRONYMS & ABBREVIATIONS

ACDEH Alameda County Department of Environmental Health

ACHCSA Alameda County Health Care Services Agency

APN Assessor's Parcel Number

AQMD Air Quality Management District

ASTM American Society for Testing and Materials

DOGGR Department of Conservation, Division of Oil, Gas, and Geothermal Resources

EDR Environmental Data Resources
FUDS formerly used defense site
GSA General Services Agency
LOP Local Oversight Program

LUST Leaking Underground Fuel Tanks

NESHAP National Emission Standards for Hazardous Air Pollutants

OSHA Occupational Safety and Health Administration

PCB polychlorinated biphenyls

RCRA Resource Conservation and Recovery Act
REC Recognized Environmental Condition
RWQCB Regional Water Quality Control Board
SLIC Spills, Leaks Investigation and Cleanup

TPH total petroleum hydrocarbons

USEPA United States Environmental Protection Agency

USGS United States Geological Survey

UST underground storage tank
VOC volatile organic compounds



#### **EXECUTIVE SUMMARY**

ENGEO conducted a phase I environmental site assessment for the Property located south of Martinelli Way and west of Hacienda Drive in Dublin, California (Figures 1 and 2). The approximately 27.45-acre Property is located south of Site 16A on the former Camp Parks property and is identified as Assessor's Parcel Numbers (APNs) 986-033-004, 986-033-005-2, and 986-033-006 (Figure 3). One of the addresses identified for the Property is 5411 Martinelli Way, Dublin.

We understand that the proposed project would involve constructing a mixed-use commercial and residential development on the Property that would include up to 40,000 gross square feet of retail and restaurant floor area and 400 dwelling units. The project would include grading of the site and installation of utilities, landscaping, and signage.

The Property was historically occupied by a portion of the U.S. Army's Camp Parks Reserve Forces Training Area. This portion of the Training Area was closed and Property ownership was transferred to Alameda County during the late 1960s. The Property reportedly contained a gatehouse, a guest reception lounge, an athletic field (Forster Field), an athletic field house, a fuel depot, railroad spurs, and a portion of a warehouse receiving area. The structures on the Property were demolished during the mid-1990s. Several phases of grading have been subsequently conducted at the Property. A soil small stockpile is currently situated in the central portion of the Property.

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.

One UST was formerly located at the southwest corner of the Property. During October 2008, the UST was removed from the Property and the soil in the vicinity of the former UST was excavated. Two remedial over-excavations were conducted at the Property during 2009 and 2010. Case closure was granted for the Property for commercial land use on September 3, 2010. Accordingly, ENGEO concludes that the former presence of the UST does not represent a recognized environmental condition pursuant to ASTM E-1527-05.

Based on the findings of this assessment, the following REC was identified for the Property:

• Elevated concentrations of halogenated VOCs were found in soil vapor samples collected from Parcel 16A, located north of the Property. No soil vapor samples have been collected from the Property. It is not known if the upgradient VOC plume may have migrated onto the Property.



Additionally, the Property has previously been approved for commercial land use. For the intended mixed-use residential and commercial land-use of the Property, the following should be considered:

 Case closure was granted for the Property by ACDEH for commercial land use on September 3, 2010. As a part of the site management terms, ACDEH requires that if any residential or other conservative land use is proposed at the Property, the ACDEH must be notified. ACDEH will then re-evaluate the case upon receipt of approved development/construction plans.

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 the following:

- A soil vapor monitoring study and a human health risk assessment should be considered at the Property to evaluate the presence of potential near-surface soil, soil vapor, and groundwater impacts due to an upgradient VOC source (approximately 0.2 miles north of the Property) and potential residual VOCs. Note, previous regulatory case closure pertained to commercial re-use of the Property, and may not have necessarily contemplated residential re-use. Therefore, additional health-risk assessment could be prescribed at the discretion of the Alameda County Department of Environmental Health.
- Note, it is our experience that historical use of herbicides was common on former military sites; as such, it may be prudent to consider the health risk of near-surface soils at contemplated residential development areas.
- Any soil removed from the site, including, but not limited to the small stockpile in the central portion of the Property should be adequately characterized to determine suitability for on-site re-use or appropriate off-site disposal location(s).
- A small patch of discolored soil was observed east of the existing structure on the Property.
   The soil in the area should be sampled to determine if it served as an internal drainage receiving area.



#### 1.0 INTRODUCTION

ENGEO conducted a phase I environmental site assessment for the Property located south of Martinelli Way and west of Hacienda Drive in Dublin, California (Figures 1 and 2). The approximately 27.45-acre Property is located south of Site 16A on the former Camp Parks property and is identified as Assessor's Parcel Numbers (APNs) 986-033-004, 986-033-005-2, and 986-033-006 (Figure 3). One of the addresses identified for the Property is 5411 Martinelli Way, Dublin.

#### 1.1 PURPOSE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

This assessment was performed at the request of Mr. Jerry Haag for the purpose of incorporation into a Supplemental Environmental Impact Report. 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 environmental reports previously prepared for the Property.
- 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, Mr. Jerry Haag. 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

The Property is located south of Martinelli Way and west of Hacienda Drive in Dublin, California (Figures 1 and 2). The approximately 27.45-acre Property is located south of Site 16A on the former Camp Parks property and is identified as Assessor's Parcel Numbers (APN) 986-33-4, 986-33-5-2, and 986-33-6 (Figure 3). One of the addresses identified for the Property is 5411 Martinelli Way, Dublin.

#### 2.1 SITE AND VICINITY CHARACTERISTICS

According to published topographic maps, the Property is relatively level at approximately 342 feet above mean sea level (msl). A review of the 1997 Graymer, et al. geologic map (USGS 1997) found that the Property is primarily underlain by Holocene-age floodplain deposits (Qhfp).

Geocheck – The Physical Setting Source Summary of the Environmental Resources Data report (Appendix A) shows 14 Federal United States Geological Survey (USGS) wells and 8 State wells located within one mile of the Property. Two of these wells are mapped in the southern portion of the Property, and are owned by the USGS California Water Science Center. The groundwater level measurements in Well Number USGS-374209121532501 ranged between 14 and 19.3 feet below the ground surface between 1979 and 1981. The groundwater level measurements in Well Number USGS-374210121533001 ranged between 24.1 and 85 feet below the ground surface between 1969 and 1981.

We reviewed the Department of Water Resources On-line Water Data Library for depth to water in the vicinity of the site. The website did not identify any wells within one mile 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) website and map database to determine if any historic oil and/or gas wells were located within the Property. No wells were mapped within one mile of the Property.

#### 2.2 CURRENT USE OF PROPERTY/DESCRIPTION OF SITE IMPROVEMENTS

The Property is currently comprised of undeveloped open space, except for a paved road and a structure that are currently in the northern portion of the Property. The Property appears to have been recently graded. A soil small stockpile is situated on the central portion of the Property.

We understand that the proposed project on the Property would involve constructing a mixed-use commercial and residential development that would include up to 40,000 gross square feet of retail and restaurant floor area and 400 dwelling units. The project would include grading of the site and installation of utilities, landscaping, and signage.



The Property was historically occupied by a portion of the U.S. Army's Camp Parks Reserve Forces Training Area. This portion of the Training Area was closed and Property ownership was transferred to Alameda County in the late 1960s. The Property had reportedly contained a gatehouse, a guest reception lounge, an athletic field (Forster Field), an athletic field house, a fuel depot, railroad spurs, and a portion of a warehouse receiving area. The structures on the Property were demolished in the mid-1990s. Several phases of grading have been conducted at the Property since that time. It appears that the eastern side of the Property was graded in 2007, with what appeared to be an 8-pad configuration. Subsequently, the western side of the Property was graded in 2008. In 2009, it appears that the eastern side of the Property was re-graded.

#### 2.3 CURRENT USE OF ADJOINING PROPERTIES

To the north, the Property is bordered by Martinelli Way and vacant land. To the west the Property is bordered by Arnold Road and vacant land. To the east, the Property is bordered by Hacienda Drive and commercial developments. To the south, the Property is bordered by I-580 and commercial developments.

#### 3.0 RECORDS REVIEW

#### 3.1 PREVIOUS ENVIRONMENTAL REPORTS

<u>LFR Levin-Fricke</u>; <u>Limited Soil Sampling and Analysis Program, Commerce One Parcel,</u> Hacienda Drive and Interstate 580, Dublin, California, October 9, 2003

In 2003, LFR Levine-Fricke (LFR) performed a limited soil sampling and analysis program along the former railroad spur. Four borings were installed along the former railroad spurs, and one soil sample was collected from each boring. Based on the results of the sampling, LFR concluded that no further investigation was warranted in the area of the former railroad spurs on the Property.

Strata Environmental, Phase I Environmental Site Assessment, Emerald Place, Hacienda Drive and Martinelli Way, Dublin, California, February 2007

In February 2007, Strata Environmental (Strata) performed a phase I ESA on the Property (Strata, 2007), which was comprised of APNs 986-0033-002 and 986-0033-003 at that time. Strata reported that the Property was formerly part of the larger Parks Reserve Forces Training Area (Camp Parks). A fuel depot, railroad spur and warehouses were located on the Property during the time it was used as a military reservation. Camp Parks facilities were razed in the 1990s and the land was cleared, including the Property.

The Strata report included documentation that there had been a concern at the time of the Camp Parks closure for the possibility of the release of petroleum hydrocarbons in the area of the former fuel depot. Strata reported that in February 1998, Erler & Kalinowski, Inc. (EKI) collected soil and groundwater samples from the Property and its vicinity. The laboratory test results indicated that the soil and groundwater at the Property was not impacted. The Alameda



County Health Care Services Agency (ACHCSA), the local lead oversight agency, issued a case closure letter for the Property on July 10, 1998; case closure was contingent upon the (then) contemplated commercial re-use of the Property. In addition, Strata identified incidental construction-related debris randomly scattered on the western half of the Property.

Based on their assessment, Strata did not identify any RECs for the Property, and did not recommend any additional environmental investigations.

#### 3.1.1 Title Report/Ownership

We did not receive a preliminary title report for review pertaining to the Property.

#### 3.2 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.

#### 3.2.1 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 3.2.1
Historical Topographic Maps

instolled Topograpine Maps			
Quad	Year	Series	Scale
Pleasanton	1906	15-minute	1:62500
Pleasanton	1947	15-minute	1:50000
Dublin	1953	7.5-minute	1:24000
Livermore	1953	15-minute	1:62500
Dublin	1961	7.5-minute	1:24000
Livermore	1961	15-minute	1:62500
Dublin	1968	7.5-minute	1:24000
Dublin	1973	7.5-minute	1:24000
Dublin	1980	7.5-minute	1:24000

<u>1906 Map</u> – The Property is shown as undeveloped land with little relief. An unnamed paved road in the current approximate location of Arnold Road is mapped west of the Property. Paved roads in the current approximate locations of Hopyard Road and Santa Rita Road are also



mapped. An unnamed paved road in the approximate location of I-580 is mapped south of the Property extending east-west. One structure is mapped on the adjacent property to the south, and another structure is mapped east of the Property. Tassajara Creek and Alamo Creek are mapped to the east and west of the Property, respectively. The city of Pleasanton is mapped southeast of the Property.

<u>1947 Map</u> – US Route 50 (which is now known as I-580) is mapped south of the Property extending east-west. A short unpaved road is mapped east of the Property with a structure next to it. Several structures are mapped east and northeast of the Property. Southern Pacific Railroad is mapped southwest of the Property.

1953 Maps – The Property appears to be a part of the larger Camp Parks Air Force Base, which extends further to the northwest of the Property. The Property has structures mapped on it, which extend to the adjacent parcel north of the Property. The Santa Rita Rehabilitation Center is mapped east of the Property. The Komandorski Village is mapped west of the Camp Parks Air Force Base. A hospital is shown northeast of the Property. Unnamed roads in the current location of Dublin Boulevard and Hacienda Drive are mapped to the north and east of the Property, respectively. A few windmills are mapped south of the Property. The Chabot and Hewlett canals are mapped southwest of the Property. A sewage disposal facility is mapped further southwest of the Property.

<u>1961 Maps</u> – The Property and surrounding properties appear to have similar uses as shown in the previous topographic map, except for the addition of an unpaved road from Arnold Drive leading to the structures on the Property. The sewage disposal facility southwest of the Property is now mapped as a Military Reservation.

<u>1968 Map</u> – The Property and surrounding properties appear to have similar uses as shown in the previous topographic map. Developments are mapped southwest of the Property, and the San Ramon Village is mapped west of the Camp Parks Air Force Base.

<u>1973 Map</u> – US Route 50 south of the Property is now labeled as I-580. Other conditions remain similar to the previous topographic map.

<u>1980 Map</u> – The use of the Property and surrounding properties appears unchanged from the previous topographic maps. Development has spread further southwest of the Property.

#### 3.2.2 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 D.



TABLE 3.2.2-1
Aerial Photographs

Flyer	Year	Scale
Fairchild	1939	1"=500'
USGS	1949	1"=500'
Cartwright	1958	1"=500'
Cartwright	1966	1"=500'
WAC	1979	1"=500"
WAC	1984	1"=500"
EDR	1993	1"=500"
WAC	1999	1"=500'
EDR	2005	1"=500"
EDR	2006	1"=500"
EDR	2009	1"=500"
EDR	2010	1"=500"
EDR	2012	1"=500"

1939 Photograph – The 1939 photograph shows that the Property is mostly vacant or used for dry farming (hay or similar crop), with a small temporary structure in the central portion of the Property. An unpaved road in the current location of Arnold Drive is visible east of the Property, and a paved road in the current location of I-580 is south of the Property. A few structures are visible on the adjacent parcel to the east, with an access road leading to them from the paved road to the south. The adjacent properties to the north, south, and west appear to be undeveloped vacant lands.

1949 Photograph – The Property appears to be a part of the larger Camp Parks Air Force Base which extends further to the northwest of the Property. The Property has structures on it, which extend to the adjacent parcel north of the Property, with railroad spurs running between the structures. An athletic field is evident in the central portion of the Property, with additional structures present along the western boundary of the Property. Paved roads in the current locations of Dublin Boulevard, Hacienda Drive, and Arnold Drive are visible. A drainage swale is visible in the southwest corner of the Property. Additional structures are visible in the adjacent parcel to the south. Activities on the Property appear to be associated with its military use.

1958 and 1966 Photographs – Conditions at the Property and adjoining properties are similar to those depicted on the previous photographs, except that an unpaved road is now visible leading to the structures along the western boundary of the Property from the structures in the central portion of the Property. The athletic field that was visible in the previous photograph is no longer evident.



<u>1979 through 1984 Photographs</u> – Conditions at the Property and adjoining properties are similar to those depicted on the previous photographs, except that structures that were visible in the property north of Dublin Boulevard are no longer visible.

<u>1993 Photograph</u> – Although the structures in the central portion of the Property still exist, the military activities appear to have ceased and the Property appears abandoned. A drainage swale is visible along the southern boundary of the Property.

<u>1999 Photograph</u> – The structures on the central portion of the Property have been demolished, and only one structure is visible along the western boundary of the Property appears as undeveloped. Commercial developments are visible on the adjacent parcels to the east and south.

<u>2005 Photograph</u> – Conditions at the Property and adjoining properties are similar to those depicted on the previous photographs. Fire breaks appear to be graded in place on various areas of the Property. Developments have spread further south of the Property.

<u>2006 Photograph</u> – An unpaved road in the current location of Martinelli Way is visible along the northern boundary of the Property. Developments are visible on the adjoining parcel to the west. A small structure is also visible along the northern portion of the Property.

<u>2009 Photographs</u> – A paved road now exists in the current location of Martinelli Way along the northern boundary of the Property. A structure in the location of the current structure on the Property is now visible in the northern portion of the Property, with planters surrounding it and a paved road leading to it from Martinelli Drive. Equipment is visible along the western boundary of the Property. The adjacent parcel to the north appears vacant and undeveloped. Residential developments have spread to the northeast of the Property. A small ditch is visible east of the structure with some drainage to it from the south.

<u>2010 and 2012 Photographs</u> – The building in the northern portion of the Property appears to be abandoned, and a small stockpile is visible in the central portion of the Property.

#### 3.2.3 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. The Sanborn Map Report search summary is presented in Appendix B.

#### 3.2.4 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 E. There are no listings for the Property. The city directory search is located in Appendix E.



#### 3.2.5 Government Agencies

The following agencies were contacted pertaining to possible past development and/or activity at the Property.

- City of Dublin Community Development Department, Building & Safety Division
- City of Dublin Community Development Department, Planning Division
- City of Dublin Fire Services and Prevention Department
- Alameda County Fire Department
- Alameda County Department of Environmental Health
- Alameda County Community Development Agency
- Alameda County Assessor's Office
- California Regional Water Quality Control Board
- Department of Toxic Substances Control

<u>City of Dublin Community Development Department, Building and Safety Division</u> – The City of Dublin Community Development Department, Building & Safety Division was contacted regarding historical records pertaining to the Property. No files were identified relating to the Property.

<u>City of Dublin Community Development Department, Planning Division</u> – The City of Dublin Community Development Department, Planning Division was contacted regarding historical records pertaining to the Property. No files were identified relating to the Property.

<u>City of Dublin Fire Services and Prevention Department</u> – The City of Dublin Fire Services and Prevention Department was contacted regarding historical records pertaining to the Property. No files were identified relating to the Property.

<u>Alameda County Fire Department</u> – The Alameda County Fire Department was contacted regarding files for the Property. They asked us to contact the City of Dublin regarding any public files.

Alameda County Department of Environmental Health – The Alameda County Department of Environmental Health (ACDEH) was contacted to determine if files exist for the Property. Ms. Yolanda Cole informed us that the Property is listed as a LUFT (Leaking Underground Fuel Tanks)/ SLIC (Spills, Leaks Investigation and Cleanup) site. The Property was listed on the Department's website database as "Green on Park Place", with the address 5411 Martinelli Way, Dublin.

In September 2008, during grading activities associated with redevelopment of the Property as a shopping center, a steel underground storage tank (UST) was discovered near the southwest corner of the Property (ADR Environmental Group, Inc., 2008a [ADR]). While it is not certain when or for what purpose the UST was installed, the UST appears to be near the location of the former guest reception lounge and is therefore thought to have been used for fuel-oil to heat the



former building or dispensing diesel fuel. The construction equipment, grading and ripping the site, reportedly tore several holes in the top of the UST. However, no spills or leakage were noted following the incident. At the time of the incident, the UST was reportedly nearly full with a petroleum smelling liquid. Upon hitting the UST, it was demarcated and no further work was done in the immediate area.

A UST closure plan was subsequently prepared and approved by the ACDEH. In October 2008, the UST was removed from the Property and the soil in the vicinity of the former UST was excavated. Confirmation sampling indicated elevated concentrations of total petroleum hydrocarbons as diesel (TPH-d) and volatile organic compounds (VOCs). An unauthorized leak report filed by the ACDEH on October 3, 2008 indicated that releases of petroleum hydrocarbons occurred during the UST removal. The site was then transferred to the ACDEH Local Oversight Program (LOP). A work plan was prepared by ADR in November 2008 to over-excavate the UST pit to evaluate the vertical and lateral extent of hydrocarbon-impacted soil and groundwater (ADR, 2008b). Soil removal activities were conducted at the Property in May 2009 to remove impacted soil that may serve as a source to degrade groundwater. Based on the results of confirmation sampling, impacted soil remained in the southwest corner of the tank excavation.

Additional remedial activities including excavation and groundwater pumping were conducted between September 2009 to January 2010 to remove the impacted soil in the southwest corner of the tank excavation. The impacted soil from the various excavations were disposed at an off-site landfill, and the site was backfilled. Confirmation sampling indicated that the impacted soil was removed from the Property. Groundwater sample analytical results detected TPH-d at a concentration of 114 micrograms per liter ( $\mu$ g/L) with all other analytes below their respective laboratory detection limits. It was concluded that the former release did not pose a risk to human health, and a case closure letter was issued by ACHCSA on September 3, 2010 (ACHCSA, 2010). The ACHCSA explained that since the tank and the associated contamination was removed, it no longer represented an environmental concern to the Property.

Case closure was granted for commercial land use. As a part of the site management terms, ACDEH requires that if any residential or other conservative land use is proposed at the Property, the ACDEH must be notified. ACDEH will then re-evaluate the case upon receipt of approved development/construction plans.

<u>Alameda County Community Development Agency</u> – The Property is listed as a 'future planned retail site' on the Surplus Property Authority of the Community Development Agency's website. No other information was listed.

<u>Alameda County Assessor's Office</u> – The Alameda County Assessor's Office website was viewed for information regarding the Property. Information on the website confirmed that the Property is identified by APNs 986-33-4, 986-33-5-2, and 986-33-6.



<u>California Regional Water Quality Control Board</u> – The California Regional Water Quality Control Board's online database, GeoTracker, was reviewed for files relating to the Property and surrounding properties. The following summarizes the GeoTracker information:

- The Property (listed as 'Green on Park Place') is listed as a closed leaking underground storage tank (LUST) site. As described above, one UST was removed from the Property in 2008. Two remedial over-excavations were conducted at the Property in 2009 and 2010. Case closure was granted for the Property for commercial land use. The California Regional Water Quality Control Board concurred with the case closure in an email dated September 3, 2010.
- The Property is also listed as a closed cleanup program site, under the name 'Alco Santa Rita Parcels 16 & Option'. As discussed in Section 3.1, a leak was reported at the Property on February 25, 1998, and the site was closed on July 10, 1998.
- The Santa Rita Property, located at Parcel 15, north of Dublin Boulevard and west of Hacienda Avenue (about 0.2 miles north of the Property) was listed as an open inactive cleanup program site. Groundwater is listed as an impacted media, and potential contaminants are VOCs. The case was first opened on December 1, 1998, and has been inactive since May 26, 2009. During an investigation conducted for purchase of an adjoining parcel (Parcel 16), tetrachloroethylene (PCE) and trichloroethylene (TCE) were detected along the southern boundary of Parcel 15, which may be associated with the former operations on Parcel 15. Subsequently, an investigation was conducted to characterize the distribution of VOCs at the site and assess the impacts to groundwater. A risk assessment was performed for the site assuming commercial land use and the cancer risk was determined to be below the acceptable risk threshold. The results indicated that the VOC concentrations appear to be mostly elevated in the southern half of Parcel 15, primarily in two areas on the site – former Building 468A (a former service station) and the area of former Building 299 (a former laundry facility). In a letter dated August 11, 1999, the California Regional Water Quality Control Board required regular groundwater monitoring at the property to evaluate if the groundwater plume is migrating offsite (RWQCB, 1999). A groundwater monitoring plan was submitted in October 1999 (Versar, Inc., 1999), which included the installation of one new monitoring well on the property, and semi-annual monitoring for three years. The RWQCB sent a letter to the Alameda General Services Agency (GSA) in January 2013 to provide an annual estimate to oversee the cleanup for this property. No other information regarding whether the well was installed and/or monitored was on available the GeoTracker website.
- Parcel 16A is located north of the Property and south of Parcel 15. Phase I and Phase II investigations were performed on Parcel 16A by Terraphase Engineering, Inc. (Terraphase) in September 2012 (Terraphase, 2012a and 2012b). Elevated concentrations of TCE and PCE were previously detected in groundwater along the northern boundary and in the northwest corner of the site. The source of the PCE in groundwater was presumed to be the former service station or laundry facility that was located to the north of the site in Parcel 15, as described above. A soil vapor investigation was conducted at the site in 2011, and VOCs were



not detected in the soil vapor samples, however, the results of the leak check quality control sampling could not be verified (Terraphase, 2012b). A Phase II Investigation was performed to evaluate the potential impacts in soil, soil-gas, and groundwater at the site. Elevated concentrations of PCE (ranging from 10 micrograms per cubic meters  $[\mu g/m^3]$  to 200  $\mu g/m^3$ ) were detected in the soil vapor samples collected in the northwest corner of the site. Elevated concentrations of TPH-d and total petroleum hydrocarbons as motor-oil (TPH-mo) were also detected in groundwater samples collected from this site.

Department of Toxic Substances Control – The Department of Toxic Substances Control's (DTSC) online database, EnviroStor, was reviewed for files relating to the Property and surrounding properties. The Property (listed as the Dublin former incinerator/burn dump area) is listed as a closed cleanup program site. The site was the location of a former military incinerator, and incinerator waste materials including burned debris, broken glass, molten glass fragments and ash were found on the site. While conducting a site investigation of Parcel 16A for a prospective purchaser, Lowney Associates (Lowney) identified fill containing burned debris and possible ash waste in the area of a former military incinerator located near the southeast comer of Parcel 16A. In 2001, sampling was conducted by Subsurface Consultants Inc. (SCI) to characterize the waste materials and samples were analyzed for total extractable hydrocarbons, VOCs, semi-volatile organic compounds, metals, pH, and dioxins (SCI, 2001). Based on the results, the only contaminant of concern identified was lead.

In 2001, approximately 3,400 cubic yards of burn waste and impacted fill was removed from the site and disposed at the Chemical Waste Management facility in Kettleman Hills. Sixty-six confirmation samples were collected and analyzed for lead. Results ranged from 4.4 milligrams per kilogram (mg/Kg) to 640 mg/kg with an average lead concentration of 50.7 mg/kg. Based on the results, SCI concluded that the burn waste material had been effectively remediated and no further investigation was required. However, in 2003, ACDEH stated that a thin layer of waste remained in the soil and recommended additional soil sampling. On 25 August 2005, discolored soil was observed in a limited area within the former incinerator debris area, indicating potentially lead-contaminated material. Additional sampling was conducted by Treadwell and Rollo in 2005, of areas with discolored soil and stockpiled material (Treadwell and Rollo, 2005). Eight samples were collected and analyzed for lead. Concentrations of lead ranged from 7.3 mg/kg to 23 mg/kg. DTSC issued a no further action letter on December 5, 2005.

The Property is also a part of the larger Camp Parks Air Force Base, which is listed as an active formerly used defense site (FUDS). The Navy built a training center known as Shoemaker Naval Reservation from 1942 to 1944, and the Property is a part of it.

#### 3.3 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:



#### 3.3.1 Federal ASTM Standard/Supplemental Sources

#### 3.3.1.1 Subject Property

The Property is not listed on the Federal ASTM Standard or supplemental sources.

#### 3.3.1.2 Other Properties

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on Federal ASTM Standard or supplemental sources.

• RCRA-SQG – Resource Conservation and Recovery Act Information - 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 that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SOGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Shell Service Station US SAP 165 112 Retail Shell Service Station Kiddie Kandids No. 00551 4895 Hacienda Drive 4895 Hacienda Drive 4990 Dublin Blvd

• <u>DOD</u> – 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

Camp Parks Military Reservation

CA

Dublin

#### 3.3.2 State ASTM Standard/Supplemental Sources

#### 3.3.2.1 Subject Property

The Property is listed on the following State ASTM Standard or supplemental sources.

• <u>ENVIROSTOR</u> – 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.

Dublin Former Incinerator/Burn Dump Area

Hacienda Drive & Martinelli Way

• <u>FUDS</u> – Formerly Used Defense Sites - The listing includes locations of Formerly Used Defense Site properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Parks AFB



#### 3.3.2.2 Other Properties

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on State ASTM Standard or supplemental sources.

• <u>LUST</u> – 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.

Archstone Communities	5054 Havens Place
Valley Nissan Volvo	6015 Scarlett Court
Santa Rita Central Parcel	0 Dublin Blvd
ANG Newspapers	4770 Willow Road
Scotsman Group	6055 Scarlett Court
Charles Lemoane Property	6085 Scarlett Court
Shell #16-5112	4895 Hacienda Drive

• <u>SLIC</u> – SLIC Region comes from the California Regional Water Quality Control Board.

Alco Santa Rita Parcels 16 & Option

0 Dublin Blvd and Hacienda

• <u>Alameda County Contaminated Sites</u> – 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).

Archstone Communities	5054 Havens Place
Shell #16-5112	4895 Hacienda Drive
Alco Santa Rita Parcels 16 & Option	0 Dublin Blvd and Hacienda
Valley Nissan Volvo	6015 Scarlett Court
Santa Rita Central Parcel	0 Dublin Blvd
ANG Newspapers	4770 Willow Road
Scotsman Group	6055 Scarlett Court
Charles Lemoane Property	6085 Scarlett Court

• <u>UST</u> – The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

Hacienda Crossings Shell (CUPA)

4895 Hacienda Drive



 NOTIFY 65 – 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.

Chevron Station #9-0917 5280 Hopyard Road American Cities, Inc. Services 6310 Houston Place

#### 3.3.3 Local ASTM Supplemental Sources

#### 3.3.3.1 Subject Property

The Property is not listed on Local ASTM supplemental databases.

#### 3.3.3.2 Other Properties

The following database(s) include(s) facilities listed within the appropriate ASTM search distances of the Property on local ASTM Standard or supplemental sources.

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

California Carriers

5010 Haven Place

• <u>HIST CORTESE</u> – 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.

Archstone Communities5054 Havens PlaceValley Nissan Volvo6015 Scarlett CourtSanta Rita Central Parcel0 Dublin BlvdScotsman Group6055 Scarlett CourtCharles Lemoane Property6085 Scarlett Court

• <u>SWEEPS UST</u> – 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 1990s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Charles Lemoane Property

6085 Scarlett Court



• <u>FINDS</u> – Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail.

Shell Service Station US SAP 165 112 Retail Shell Service Station 4895 Hacienda Drive 4895 Hacienda Drive

• <u>HAZNET - Facility and Manifest Data</u> – Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. Th volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments.

Retail Shell Service Station

4895 Hacienda Drive

Selected case listings associated with the Property are discussed in Section 3.2.5 and do not indicate any environmental concerns associated with the Property.

Based on the distances to the identified database sites, regional topographic gradient, and the EDR findings, it is unlikely that any of the above-listed 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 or do not appear to pose a threat to the Property. ENGEO recommends no further investigation regarding any of these facilities.

#### 4.0 SITE RECONNAISSANCE

#### 4.1 METHODOLOGY

ENGEO conducted a reconnaissance of the Property on July 3, 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. Photographs taken during the site reconnaissance are presented in Figure 4.

#### 4.2 GENERAL SITE SETTING

The Property is currently comprised mostly of undeveloped open space. One building (former retail office) called 'The Green on Park Place' is in the northern portion of the Property, with a paved access road leading from Martinelli Way to the building. The Property appears to have been recently graded. A small soil stockpile is located in the central portion of the Property. Construction debris was observed at various locations across the Property. A well was observed along the western boundary of the Property. Several storm drain manholes were observed along the eastern and southern boundaries of the Property.



#### 4.3 EXTERIOR OBSERVATIONS

<u>Structures</u>. One structure was observed in the northern portion of the Property. The interior of the building could not be accessed at the time of the 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 aboveground storage tanks or evidence of existing underground storage tanks was observed during the 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 our reconnaissance.

Drums. 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 our reconnaissance.

<u>Polychlorinated Biphenyls (PCBs)</u>. No PCB-containing materials, including transformers, were observed within the Property during our reconnaissance.

<u>Pits, Ponds and Lagoons</u>. No pits, ponds or lagoons were observed within the Property at the time of our reconnaissance.

<u>Stained Soil/Pavement</u>. A small patch of discolored soil was observed east of the structure on the Property at the time of reconnaissance.

<u>Stressed Vegetation</u>. No signs of stressed vegetation were observed on the Property at the time of our reconnaissance.

<u>Solid Waste/Debris</u>. No disposal of solid waste was observed at the Property. Construction debris was observed at various locations across the Property.

<u>Wastewater</u>. No wastewater conveyance systems were observed at the Property during the reconnaissance.

Wells. One well was observed along the western boundary of the Property at the time of reconnaissance.

Septic Systems. No septic systems were found within the Property during our 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. Based on a review of aerial photographs, the structure appears to have been built on the Property in 2008. Given the age of the structure, it is unlikely that asbestos and lead-based paint may be present within the structure. In addition, we understand that the structure will be demolished prior to site development.

If activities are contemplated that may disturb building materials in the structure on the Property, an asbestos survey should be performed prior to disturbance of the materials (in accordance with AQMD and NESHAP requirements), and a certified asbestos abatement contractor should be retained to abate any identified asbestos-containing materials in accordance with all applicable laws, including guidelines of the Occupational Safety and Health Administration ("OSHA").

#### 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 25 tests were conducted within the Property zip code, with none of the tests exceeding the current EPA action level of 4 picocuries per liter [pCi/L]<sup>1</sup>).

In accordance with ASTM E2600-10 (Tier 1) (Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions); there is a potential VOC source within ½ mile of the Property, which may or may not have migrated onto the Property.

#### 5.0 INTERVIEWS

Mr. David Clock of Stockbridge/BHV Emerald Place Land Co. LLC completed both, a client-based environmental questionnaire and the Key Site Manager questionnaire pertaining to the Property. In the questionnaires, Mr. Clock did not identify potential environmentally related issues within the Property. Copies of the completed questionnaires are presented in Appendix F.

#### 6.0 FINDINGS

Below are our findings regarding the Property:

At the time of Camp Park closure in the late 1990s, there had been a concern for the
possibility of a release of petroleum hydrocarbons in the area of former fuel depot. A 1998
study prepared by EKI concluded that the soil and groundwater at the Property was not
impacted from past site use. ACHCSA issued a case closure letter on September 3, 2010,

<sup>&</sup>lt;sup>1</sup> California Department of Health Services – Division of Drinking Water and Environmental Management – Radon (http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf).



which stated that the soil and groundwater at the Property was not impacted. The case closure was contingent upon the (then) contemplated commercial re-use of the Property.

- One UST was formerly located at the southwest corner of the Property. In October 2008, the UST was removed from the Property and the soil in the vicinity of the former UST was excavated. Two remedial over-excavations were conducted at the Property in 2009 and 2010. Case closure was granted for the Property for commercial land use on September 3, 2010.
- A former incinerator/burn dump area was located on the northern portion of the Property and on the adjacent parcel to the north (Parcel 16A). The waste material was characterized in 2001, and lead was identified as a contaminant of concern. Approximately 3,400 cubic yards of burn waste and impacted fill was removed. On 25 August 2005, discolored soil was observed within a limited area of the former incinerator debris, indicative of possible lead-contaminated material. Additional sampling was conducted in 2005, and DTSC issued a no further action letter on December 5, 2005.
- The Property is also a part of the larger Parks Air Force Base, which is listed as an active formerly used defense site (FUDS). The Navy built a training center known as Shoemaker Naval Reservation from 1942 to 1944, and the Property is a part of it.
- The Santa Rita Property, located at Parcel 15, north of Dublin Boulevard and west of Hacienda Avenue (about 0.2 miles north of the Property) was listed as an open inactive cleanup program site. During an investigation conducted for purchase of an adjoining parcel (Parcel 16), tetrachloroethylene (PCE) and trichloroethylene (TCE) were detected along the southern boundary of Parcel 15, which may be associated with the former operations on Parcel 15. Subsequently, an investigation was conducted to characterize the distribution of VOCs at the site and assess the impacts to groundwater. A risk assessment was performed for the site assuming commercial land use and the cancer risk was determined to be below the acceptable risk threshold. The results indicated that the VOC concentrations appear to be mostly elevated in the southern half of Parcel 15, primarily in two areas on the site former Building 468A (a former service stations) and the area of former Building 299 (a former laundry facility). The case has been inactive since May 26, 2009. The RWQCB sent a letter to the Alameda General Services Agency (GSA) in January 2013 to provide an annual estimate to oversee the cleanup for this property. No other information regarding whether the well was installed and/or monitored was on available the GeoTracker website.
- Elevated concentrations of TCE and PCE were previously detected in groundwater under Parcel 16A, located north of the property and south of Parcel 15. The source of the PCE in groundwater was presumed to be the former service station or laundry facility that was located to the north of the site in Parcel 15, as described above. A Phase II Investigation was performed to evaluate the potential impacts in soil, soil vapor, and groundwater at the site. Elevated concentrations of PCE (ranging from 10 micrograms per cubic meters [µg/m³] to 200 µg/m³) were detected in the soil vapor samples collected in the northwest corner of the site. Elevated concentrations of TPH-d and total petroleum hydrocarbons as motor-oil (TPH-mo) were also detected in groundwater samples collected from this site.



- A small patch of discolored soil was observed east of the structure on the Property at the time of the reconnaissance. Based on a review of aerial photographs, it appears to be a surface water collection basin.
- The well that was observed along the western boundary of the Property should be abandoned in place in accordance with the local and state regulatory requirements or protected in place during construction.

#### 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 following data gaps were identified during the preparation of this assessment:

- We did not receive a preliminary title report for the Property.
- No information was readily available regarding the small soil stockpile in the central portion of the Property.
- The former retail office building on the Property was locked and could not be accessed during our site reconnaissance.

The data gaps identified during this process 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.

One UST was formerly located at the southwest corner of the Property. In October 2008, the UST was removed from the Property and the soil in the vicinity of the former UST was excavated. Two remedial over-excavations were conducted at the Property in 2009 and 2010. Case closure was granted for the Property for commercial land use on September 3, 2010. Accordingly, ENGEO concludes that the former presence of the UST does not represent a recognized environmental condition pursuant to ASTM E-1527-05.

Based on the findings of this assessment, the following REC was identified for the Property:



• Elevated concentrations of halogenated VOCs were found in soil vapor samples collected from Parcel 16A, located north of the Property. No soil vapor samples have been collected from the Property. It is unknown if the upgradient VOC plume may have migrated onto the Property.

Additionally, the Property has previously been approved for commercial land use. For the intended mixed-use residential and commercial land-use of the Property, the following should be considered:

• Case closure was granted for the Property by ACDEH for commercial land use on September 3, 2010. As a part of the site management terms, ACDEH requires that if any residential or other conservative land use is proposed at the Property, the ACDEH must be notified. ACDEH will then re-evaluate the case upon receipt of approved development/construction plans.

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 the following:

- A soil vapor monitoring study and a human health risk assessment should be considered at the Property to evaluate the presence of potential near-surface soil, soil vapor, and groundwater impacts due to the upgradient VOC source (approximately 0.2 miles north of the Property) and potential residual VOCs. Note, previous regulatory case closure pertained to commercial re-use of the Property, and may not have necessarily contemplated residential re-use. Therefore, additional health-risk assessment could be prescribed at the discretion of the Alameda County Department of Environmental Health.
- Note, it is our experience that historical use of herbicides was common on former military sites; as such, it may be prudent to consider the health risk of near-surface soils at contemplated residential development areas.
- A small patch of discolored soil was observed east of the existing structure on the Property. The soil should be sampled to evaluate any potential concerns that it served as an internal drainage receiving area.
- Any soil removed from the site, including, but not limited to the small stockpile in the central portion of the Property should be adequately characterized to determine suitability for on-site re-use or appropriate off-site disposal location(s).



## 9.0 SUGGESTED MITIGATION MEASURES

HM-1	A Phase Two site investigation and/or health risk assessment shall be completed for portions of the project contemplated for residential development and where excavation will occur during construction. The site investigation shall be coordinated with the Alameda County Department of Environmental Health. The investigation plan shall include a description of the work to be performed, the laboratory analytical methods to be used, and any specific requirements and quality control information.
HM-2	To protect the health and safety of construction workers, the public, and the environment, and to provide for the proper management of hazardous materials, a Health and Safety Plan that meets Occupational Safety and Health Administration requirements will be prepared and implemented during construction.
HM-3	To minimize hazardous emissions that may impact construction workers and the public in nearby areas, dust control measures will be employed around contaminated soil. These include spraying water to control dust emissions or applying dust palliatives.
HM-4	If construction dewatering is necessary, appropriate permits shall be obtained, and necessary testing for VOCs be performed prior to, and during treatment and discharge of water to the sanitary sewer, storm drain, and/or for on-site dust control.



#### **SELECTED REFERENCES**

- ADR, 2008a, Tank Closure Report for The Green on Park Place, 5144 Martinelli Way, Dublin, California, October 29, 2008.
- ADR, 2009b, Work Plan for Over-excavation and Sampling of UST Pit, The Green on Park Place, 5144 Martinelli Way, Dublin, California, November 10, 2008.
- Alameda County Health Care Services (ACHCS), 2010, Fuel Leak Case No. RO0002993 and GeoTracker Global ID T10000000822, Green on Park Place, 5144 Martinelli Way, Dublin, California, September 3, 2010.
- California Department of Water Resources (http://wdl.water.ca.gov)
- California Department of Conservation, Department of Oil, Gas and Geothermal Resources Website; Oil and Gas Maps, (http://www.consrv.ca.gov/dog/maps/pages/index\_map.aspx)
- Cartwright, Aerial Photograph, Scale 1"=500', Flight Years: 1958 and 1966.
- Environmental Data Resources (EDR), Aerial Photograph, Scale 1"=500', Flight Years 1993, 2005, 2006, 2009, 2010, and 2012.
- EnviroStor Website, Department of Toxic Substances Control, <a href="http://www.envirostor.dtsc.ca.gov/public//">http://www.envirostor.dtsc.ca.gov/public//</a>
- Fairchild, Aerial Photograph, Scale 1"=500', Flight Year: 1939.
- GeoTracker Website, State Water Resources Control Board, http://geotracker.swrcb.ca.gov/.
- Google Maps (http://maps.google.com)
- Graymer, R.W., Helley, E.J., Quaternary Geology of Alameda County and Surrounding Areas, California, Digital Database Open-File 97-97, U.S. Geological Survey.
- LFR Levine Fricke, Limited Soil Sampling and Analysis Program, Commerce One Parcel, Hacienda Drive and Interstate 580, Dublin, California, October 9, 2003.
- Regional Water Quality Control Board (RWCCB), Investigation of Volatile Organic Compounds and Request for a Groundwater Monitoring Plan for the Santa Rita Property Parcel 15, Dublin, Alameda County, August 11, 1999.
- Strata Environmental (Strata), Phase I Environmental Site Assessment, Emerald Place, Hacienda Drive and Martinelli Way, Dublin, California, February 2007.



- Subsurface Consultants Inc. (SCI), 2001, Investigation and Remediation, Former Incinerator/Burn Dump, Parcel 16A and Digital Drive, Santa Rita Property, Dublin, California, March 25, 2002.
- Terraphase Engineering, Inc. (Terraphase), 2012a, Phase I Environmental Site Assessment, Parcel 16A Southwest corner of Dublin Boulevard and Hacienda Drive, Dublin, California, September 12, 2012.
- Terraphase, 2012b, Phase II Site Investigation Report, Parcel 16A Southwest corner of Dublin Boulevard and Hacienda Drive, Dublin, California, September 12, 2012.
- Treadwell and Rollo, 2005, Soil Sampling and Chemical Analysis, Martinelli Way at Hacienda Drive, IKEA Dublin off-site development, Dublin, California, October 31, 2005.
- United States Environmental Protection Agency Indoor Air Quality Website (<a href="http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatab">http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatab</a> ase.pdf)
- USGS, Aerial Photograph, Scale 1"=500', Flight Year 1949.
- USGS 7.5'/15' Pleasanton, Dublin, and Livermore County Maps dated 1906, 1947, 1953, 1961, 1968, 1973, and 1980.
- Versar, Inc., Groundwater Monitoring Plan for Santa Rita Property Parcel 15, Dublin, California, October 18, 1999.
- WAC Corporation, Aerial Photograph, Scale 1"=500', Flight Years: 1979, 1984, and 1999.



# LIST OF FIGURES

Figure 1 – Vicinity Map

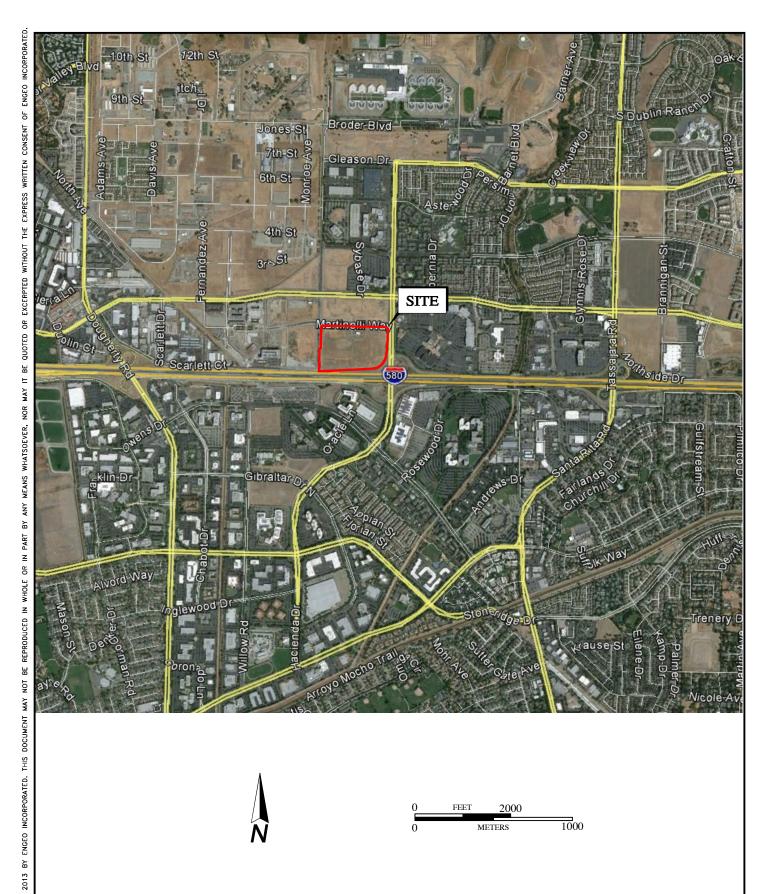
Figure 2 – Assessor's Parcel Map

Figure 3 – Topographic Map

Figure 4 – Site Photographs











BASE MAP SOURCE: GOOGLE EARTH PRO



COPYRIGHT

VICINITY MAP THE GREEN - GENERAL PLAN AMENDMENT STUDY

PROJECT NO.: 10267.000.000 SCALE: AS SHOWN

FIGURE NO.

DRÁWN BY: LL CHECKED BY: SM







BASE MAP SOURCE: GOOGLE EARTH PRO



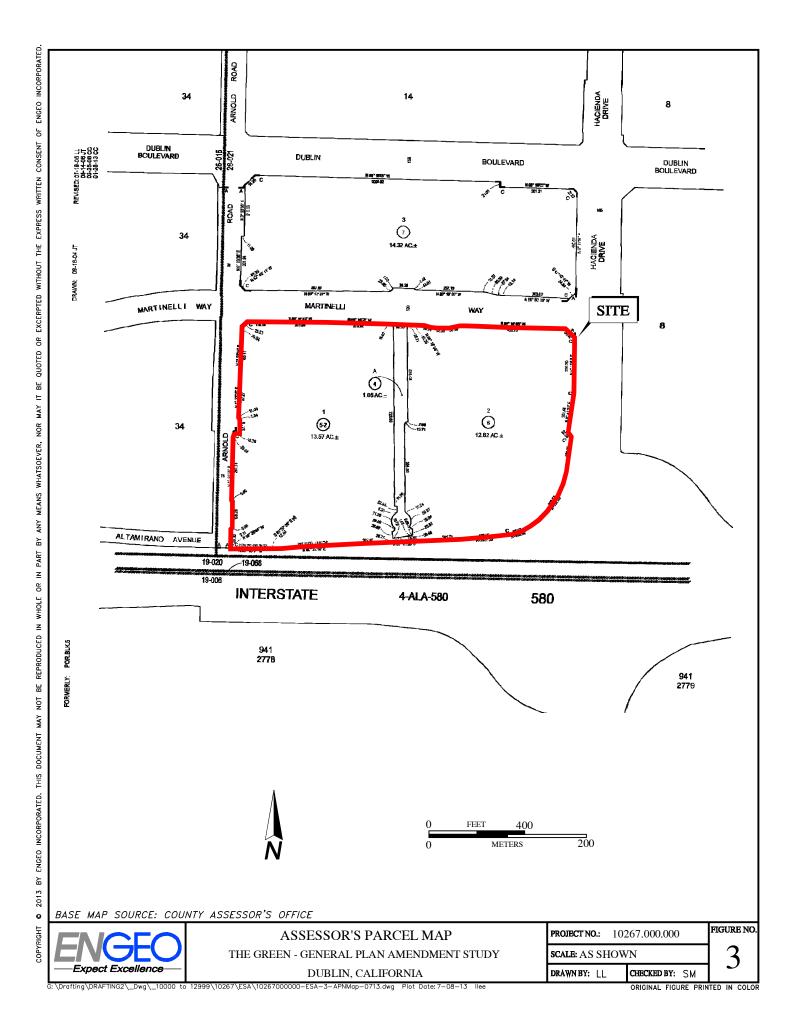
SITE PLAN THE GREEN - GENERAL PLAN AMENDMENT STUDY

PROJECT NO.: 10267.000.000 SCALE: AS SHOWN

DRÁWN BY: LL

CHECKED BY: SM

FIGURE NO.





BURNT VEGETATION EAST OF THE STRUCTURE



CONSTRUCTION DEBRIS IN CENTRAL PORTION OF THE PROPERTY



CONSUMER DEBRIS IN SOUTHEAST PORTION OF THE PROPERTY



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SITE PHOTOGRAPHS

THE GREEN - GENERAL PLAN AMENDMENT STUDY DUBLIN, CALIFORNIA

PROJECT NO.: 10267.000.000

SCALE: NO SCALE

DRAWN BY: LL CHECKED BY: SM

FIGURE NO.

:\Drafting\DRAFTING2\\_Dwg\\_10000 to 12999\10267\ESA\1026700000-ESA-4-SitePhotos-0713.dwg Plot Date:7-31-13 ||6





DEBRIS ALONG NORTHERN BOUNDARY OF PROPERTY



DEBRIS ALONG SOUTHERN BOUNDARY



ELECTRIC METER ALONG SOUTHERN BOUNDARY



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SITE PHOTOGRAPHS THE GREEN - GENERAL PLAN AMENDMENT STUDY

PROJECT NO.: 10267.000.000

FIGURE NO

SCALE: NO SCALE

DRAWN BY: LL CHECKED BY: SM



FRONT VIEW OF THE STRUCTURE IN THE NORTHERN PORTION OF THE PROPERTY



INERT DEBRIS ALONG SOUTH BOUNDARY



LOCATION OF FORMER UST ALONG WESTERN BOUNDARY



NORTHERN VIEW OF STOCKPILE



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SITE PHOTOGRAPHS

THE GREEN - GENERAL PLAN AMENDMENT STUDY

DUBLIN, CALIFORNIA

**PROJECT NO.:** 10267.000,000

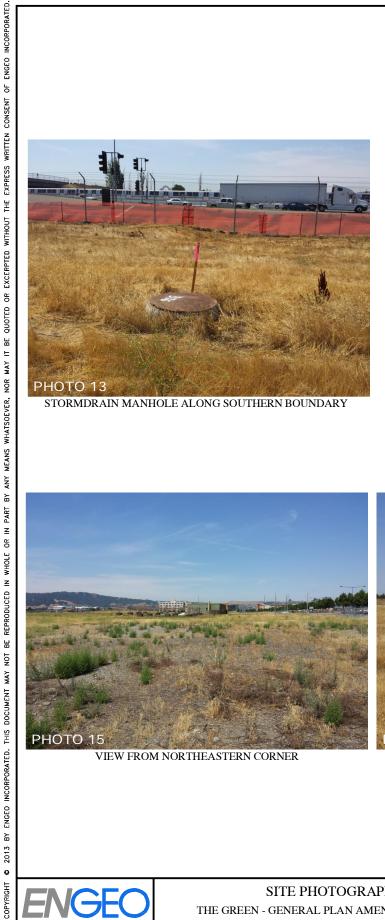
SCALE: NO SCALE

DRÁWN BY: LL

4C

FIGURE NO

CHECKED BY: SM





STORMDRAIN MANHOLES ALONG EASTERN BOUNDARY



VIEW FROM NORTHEASTERN CORNER



VIEW LOOKING NORTH ACROSS PROPERTY



SITE PHOTOGRAPHS THE GREEN - GENERAL PLAN AMENDMENT STUDY

PROJECT NO.: 10267.000.000

SCALE: NO SCALE

DRAWN BY: LL CHECKED BY: SM

FIGURE NO





VIEW OF SOUTHERN BOUNDARY

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SITE PHOTOGRAPHS THE GREEN - GENERAL PLAN AMENDMENT STUDY DUBLIN, CALIFORNIA

**PROJECT NO.:** 10267.000.000

SCALE: NO SCALE

CHECKED BY: SM DRAWN BY: LL

FIGURE NO.

## APPENDIX A

ENVIRONMENTAL DATA RESOURCES, INC.

**Radius Map Report** 







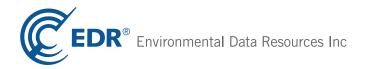
**Dublin** 

Dublin Dublin, CA 94568

Inquiry Number: 03627253.2r

June 05, 2013

# The EDR Radius Map™ Report with GeoCheck®



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

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A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The results of this search follow:

TARGET PROPERTY ADDRESS	STANDARD ENVIRONMENTAL RECORDS	ADDITIONAL ENVIRONMENTAL RECORDS
DUBLIN DUBLIN DUBLIN, CA 94568 Elevation: 342 ft. EDR Inquiry Number: 03627253.2r  TARGET PROPERTY SEARCH RESULTS  Map ID Direction Distance Distance ft Elevation f	NPL Proposed NPL NPL LIENS Delisted NPL CERCLIS FEDERAL FACILITY CERC-NFRAP CORRACTS CORRACTS RCRA-LQG	US BROWNFIELDS  ODI  DEBRIS REGION 9  WMUDS/SWAT  SWRCY  HAULERS  INDIAN ODI  US CDL  US HIST CAL-Sites  SCH  TOXIC PITS  CONSENT  ROD  UMTRA  US HIST CORTESE  CONSENT  ROD  UMTRA  US HIST CORTESE  CONSENT  ROD  UMTRA  US HIST  CONSENT  ROD  UMTRA  US HIST  CONSENT  HIST CORTESE  CONSENT  ROD  UMTRA  US HIST CORTESE  CONSENT  HIST CORTESE  CONSENT  HIST CORTESE  CONSENT  HIST CORTESE  CONSENT  HIST CORTESE  UNITA  UNITA  UNITA  HAZNET  EMI  INDIAN RESERV  SCRD DRYCLEANERS  WIP  ENF  HAZNET  EMI  INDIAN RESERV  SCRD DRYCLEANERS  WIP  ENF  HAZNET  EMI  INDIAN RESERV  SCRD DRYCLEANERS  COAL ASH EDA  HWP  FINANCH LIST  HWP  FINANCH LIST  US AIRS  PRP  WDS  WDS  EPA WATCH LIST  US FIN ASSUR  WDS  PC TOR ASSUR  WDS  EPA WATCH LIST  US FIN ASSUR

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

SURROUNDING SITES																					
SEARCH RESULTS																					
CAMP PARKS MILITARY RESERVATION	Region West < 1/8												×								
, CA CUSA136186	658 ft.																				
PARKS AFB	1																				
DUBLIN, CA 1007211938	< 1/8 1 ft.																				
	341 ft. Lower																				
DUBLIN FORMER INCINERATOR/BURN DUMP	2				x																
INCINERATOR/BURN DUMP AREA HACIENDA DRIVE & MARTINELLI DRIVE DUBLIN, CA 94588	< 1/8 1 ft.																				
DUBLIN, CA 94588 S107736237	342 ft. Higher																				

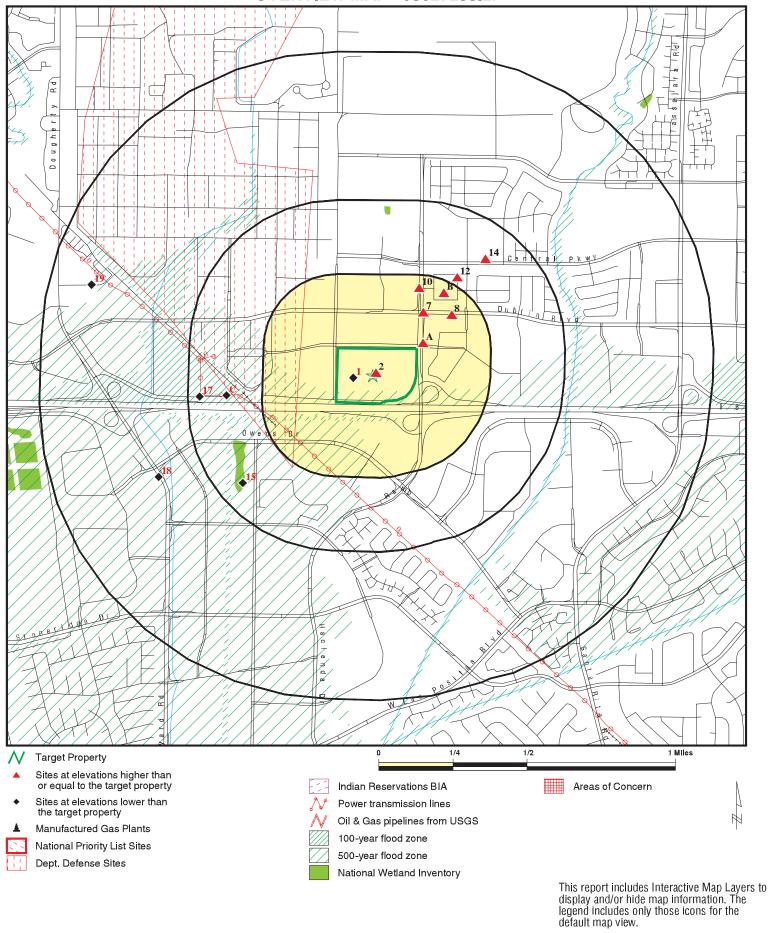
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SHELL SERVICE STATION US SAP 165 112 4895 HACIENDA DR LIVERMORE, CA 94550 1006805539 SHELL #16-5112	A3 NE < 1/8 155 ft. 349 ft. Higher				x																									×													
4895 HACIENDA DR DUBLIN, CA 94568 S109285388	NE < 1/8 155 ft. 349 ft. Higher							x	x																																		
RETAIL SHELL SERVICE STATION 4895 HACIENDA DR DUBLIN, CA 94568 1006816656	A5 NE < 1/8 155 ft. 349 ft. Higher				х																									x					х								
HACIENDA CROSSINGS SHELL(CUPA) 4895 HACIENDA DR DUBLIN, CA U003973630	A6 NE < 1/8 155 ft. 349 ft. Higher								x																																		
ALCO SANTA RITA PARCELS 16 & OPTION 0 DUBLIN BLVD & HACIENDA DR DUBLIN, CA 94568 S106784835	7 NE 1/8-1/4 661 ft. 350 ft. Higher							x	x																																		

TARGET PROPERTY ADDRES	SS	STANDARD	ENVIRO	NMENTAL F	RECORDS							ADDI	TIONAL	ENVIRO	ONME	NTAL R	CORDS	<u>S</u>																								
DUBLIN												-																														
DUBLIN DUBLIN, CA 94568 Elevation: 342 ft. EDR Inquiry Number: 03627253	3.2r  Map ID  Direction  Distance	sed NPL LIENS	SLIS RAL FACILITY	CORRACTS  RCRA-TSDF  RCRA-LQG	v-SQG v-CESQG NG CONTROLS	ST CONTROL	ONSE	LUST	eda County CS N LUST	TSU N	N VCP	US BROWNFIELDS ODI	IIS REGION 9 DS/SWAT	ERS	N OD!	HIST Cal-Sites SCH	STCDL	D UST	EPS UST		S RS		S 90 N NonGen / NLR	8	SENT	RA INES		FTTS		NEO S	OND EXP. PLAN	NPDES Cortese	CORTESE Listings 65	LEANERS	ET	EMI INDIAN RESERV	ASH DOE		cial Assurance SMELTERS	2020 COR ACTION US AIRS		WATCH LIST IN ASSUR
Site	Distance ft. Elevation ft.	NPL Propo NPL L	CERC	CORF RCR/	RCR/ RCR/ US EI	US IN LUCIS	RESP	SVVF/ LUST SLIC	Alame INDIA UST	AST	VCP VCP	US BI	DEBR	SWR( HAUL	US CI	HIST SCH	CDL	CA FI HIST	SWE	LIENS	CHMIRS	MCS	SPILL RCR/	BOD	ROD	UMTF US M	TRIS	FTTS HIST SSTS	ICIS PADS MLTS	RADII FINDS	RMP CA B(	NPDE	CUPA Notify	DRYC	ENF	EMI	SCRL COAL	HWH	Finan	2020 US AI	PRP	EPA \
KIDDIE KANDIDS NO 00551 4990 DUBLIN BLVD DUBLIN, CA 94568 1010313768	8 NE 1/8-1/4 870 ft. 353 ft. Higher				x																																					
CALIFORNIA CARRIERS 5010 HAVEN PLACE DUBLIN, CA 94568 1009398200	B9 NE 1/8-1/4 922 ft. 352 ft. Higher																						х																			
5050 HACIENDA DR DUBLIN, CA 94568 1015527867	10 NNE 1/8-1/4 1086 ft. 352 ft. Higher																																									
ARCHSTONE COMMUNITIES 5054 HAVENS PL DUBLIN, CA 94568 S103556030	B11 NE 1/8-1/4 1109 ft. 353 ft. Higher							X																																		
ARCHSTONE COMMUNITIES 5054 HAVENS PL DUBLIN, CA 94568 S103723076	12 NE 1/4-1/2 1465 ft. 357 ft. Higher							x .	x																								X									

TARGET PROPERTY ADDRE	ss s	TANDARI	ENVIR	ONMENTA	AL REC	ORDS								ADDITIO	NAL EN	/IRONM	ENTAL	RECOF	RDS																											
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DUBLIN, CA 94568																																							0	ا ا م						
Elevation: 342 ft.			>			८	ا ار			S				0   0										씸									A						0	보		<sub>0</sub>				ا ایک
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1 1			<del> </del>	CERC-NFRAP CORRACTS RCRA-TSDF		g \ <u>\</u>				lult			i	핃  응	AT		es		ا ادِا	Τ				ien /					FTTS HIST FTTS				<del>X</del>			S	DRYCLEANERS		H.   1			sura	15		발	R O
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	Distance ft.	Propo NPL I		X X X	X  X	X  =			\frac{1}{2}  \frac{1}{2}	: ≝ ≦		<u> </u>	요[음[				티	흲닏	빗티	TS HE IS		띩읡	န္ တြ	1   K				<u>န</u> ္က န္တ န္တ	ST			∮  <u>₹</u>  €	ا ایار	٠اڟ١٠	ST S	주   흑	یا ہے ا≾ا	₽IØI≡	:  <u></u>  }	취취	{	an   2		<u> </u>	A	F 6
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VALLEY NISSAN VOLVO	C13																																													
6015 SCARLETT CT	West								X	X																									X											
DUBLIN, CA 94568	1/4-1/2																																													, 1
S104574398	1952 ft.																																													
	332 ft.																																													,
	Lower																																													
SANTA RITA CENTRAL	14																																													$\overline{}$
PARCEL	NE								x	X																									x											
0 DUBLIN BLVD	1/4-1/2																																													
DUBLIN, CA 94568 S103472194	2017 ft.																																													
	362 ft.																																													
	Higher																																													$\perp$
ANG NEWSPAPERS	15					T							T						$  \   \  $										$  \cdot  $																	, 1
4770 WILLOW RD	SW								X	X																																				
PLEASANTON, CA 94588	1/4-1/2																																													
S107863118	2198 ft.																																													
	328 ft.																																													
	Lower																																													
SCOTSMAN GROUP	C16																																													,  -
6055 SCARLETT CT	West								X	X																									X											
DUBLIN, CA 94568	1/4-1/2																																													
S102436609	2224 ft.																																													
	330 ft.																																													
OLIA DI EQUENCO CONTROL	Lower			$\perp$										$\perp \perp$		$\bot$	$\perp \perp$				$\perp \perp$	$\perp \perp$						$\perp \perp$	$\perp \perp \perp$	$\bot$	$\perp$			$\perp \perp$								$\perp \perp$		$\perp \downarrow \perp$	$\perp$	$\rightarrow$
CHARLES LEMOANE	17																																													,
PROPERTY	West								X	X										X															X											
6085 SCARLETT CT	1/4-1/2																																													
DUBLIN, CA 94568 S102432592	2430 ft.																																													
	329 ft.																																													
	Lower																																													. 1

TARGET PROPERTY ADDRESS	STAN	DARD EN	/IRONMENT	TAL REC	ORDS							ADDITIO	NAL ENV	IRONMEN	ITAL RE	CORDS																								1
DUBLIN DUBLIN																																								
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EDR Inquiry Number: 03627253.2r SURROUNDING PROPERTY Ma	ap ID		FACILI	¥   0   0	SQG ONTR		8	ounty (	ST	-		NFIELI GION	WAT		sel			TST			Gen/I							A A		LESE	sbu	ZERS	Varc	CLEA	EPA	ssuran	LTER		HIS.	SUR
SEARCH RESULTS Dir	rection by stance	LIENS ted NF CLIS	C-NFR RACT	A-LOG A-SQC	A-CES ING CO	S S PONSI	'IROSTOR =/LF	eda C	AN LU	AN US	DA VC	ROWI RIS RE	JDS/S/ CY LERS	AN OD		IIST C	SU CII	S 2	SS S	RS RS	A Non	יו או וי	RA RA	AINES	FTTS		NFO SS	ST	ES	se .cor	A Listir y 65	CLEAN	NET	D DRY	L ASH	rcial A	SME	IRS	WATC	IN AS
Site	stance ft. Z o o	NPL Delis CER	CER	RCRA RCRA	US E	LUCI ERN(	SWF	SLIC	JONI TSU	IND()	NCP	US B ODI DEBI	SWR	NO SU	SCH SCH	CDL	CAF	SWE	DEE	CHM	SPILI RCR,		ROD	US N TRIS	FTTS	PAD PAD	RAD	RAA CA B	NPD G	Corte	CUP	WIP	HAZI	SCR SCR	S S S	HWP Finar	LEAE 2020	US A PRP	WDS	US F PCB
CHEVRON STATION #9-0917	18																															.						1 1 1		
5280 HOPYARD ROAD	WSW																														X	.						1   '		
PLEASANTON, CA 94588 S100179794	1/2-1 3428 ft.																																							
	323 ft.																															.						1 1 1		
	Lower																															.						1 1 1		1   '
AMERICAN CITIES INC.	19																																							$\sqcap$
SERVICES	WNW																														X	.						1   '		1   '
6310 HOUSTON PLACE DUBLIN, CA 92562	1/2-1																															.						1   '		1 l '
DUBLIN, CA 92562 S100179159	4523 ft.																																							
	337 ft.																															,						'		1
	Lower																																					!		<u> </u>

### **OVERVIEW MAP - 03627253.2r**

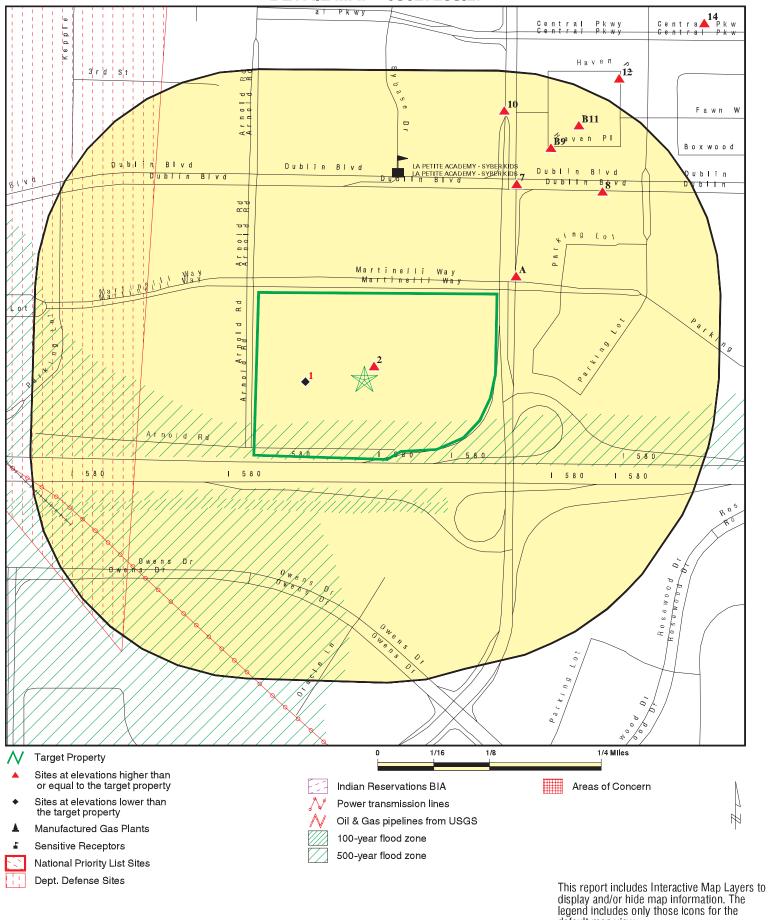


CLIENT: CONTACT: ADDRESS: Dublin Divya Bhargava Dublin CA 94568 INQUIRY #: 03627253.2r LAT/LONG: 37.7031 / 121.891 DATE: June 05, 2013 2:06 pm

SITE NAME: Dublin

Engeo Inc.

### **DETAIL MAP - 03627253.2r**



 SITE NAME:
 Dublin
 CLIENT:
 Engeo Inc.

 ADDRESS:
 Dublin Dublin CA 94568
 CONTACT:
 Divya Bhargava

 LAT/LONG:
 37.7031 / 121.891
 INQUIRY #:
 03627253.2r

 DATE:
 June 05, 2013 2:08 pm

default map view.

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 0.001		0 0 0	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 NFRA	P site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	ist						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	facilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 2 0	0 1 0	NR NR NR	NR NR NR	NR NR NR	0 3 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	0.001		0	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	S						
ENVIROSTOR	1.000		1	0	0	0	NR	1
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank l	lists						
LUST	0.500		1	1	6	NR	NR	8

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC Alameda County CS INDIAN LUST	0.500 0.500 0.500		0 1 0	1 1 0	0 6 0	NR NR NR	NR NR NR	1 8 0
State and tribal register	ed storage tar	nk lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250		1 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	1 0 0 0
State and tribal voluntal		es						
VCP INDIAN VCP	0.500 0.500		0	0	0	NR NR	NR NR	0
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
l a a al Duanou field lie (a								
Local Brownfield lists	0.500		0	0	0	ND	ND	0
US BROWNFIELDS  Local Lists of Landfill /	0.500		0	0	0	NR	NR	0
Waste Disposal Sites	Solia							
ODI DEBRIS REGION 9 WMUDS/SWAT SWRCY HAULERS INDIAN ODI	0.500 0.500 0.500 0.500 0.001 0.500		0 0 0 0 0	0 0 0 0 NR 0	0 0 0 0 NR 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US CDL HIST Cal-Sites SCH Toxic Pits CDL US HIST CDL	0.001 1.000 0.250 1.000 0.001		0 0 0 0 0	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 Registere	ed Storage Tar	nks						
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	0.001 0.001 0.500		0 0 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency	Release Repo	rts						
HMIRS CHMIRS	0.001 0.001		0 0	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	0.001		0	NR	NR	NR	NR	0
MCS SPILLS 90	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	0.001		0	NR	NR	NR	NR	0
DOD	1.000		1	0	0	0	NR	1
FUDS	1.000		1	0	0	0	NR	1
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA US MINES	0.500		0	0 0	0 NR	NR NR	NR NR	0
TRIS	0.250 0.001		0 0	NR	NR NR	NR NR	NR NR	0 0
TSCA	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		Ö	NR	NR	NR	NR	ő
SSTS	0.001		Ö	NR	NR	NR	NR	Ö
ICIS	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC NPDES	0.001		0	NR NR	NR NR	NR NR	NR NR	0
Cortese	0.001 0.500		0 0	0	0	NR NR	NR NR	0 0
HIST CORTESE	0.500		0	0	5	NR	NR	5
CUPA Listings	0.250		0	Ö	NR	NR	NR	0
Notify 65	1.000		Ö	Ö	0	2	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
EMI	0.001		0	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
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA HWT	0.500 0.250		0 0	0	0 NR	NR NR	NR NR	0 0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		Ö	0	NR	NR	NR	Ö
US AIRS	0.001		Ö	NR	NR	NR	NR	Ö
PRP	0.001		0	NR	NR	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
US FIN ASSUR	0.001		0	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 MWMP	0.001 0.500 0.250		0 0 0	NR 0 0	NR 0 NR	NR NR NR	NR NR NR	0 0 0
EDR HIGH RISK HISTORICA	L 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 1 0	0 NR NR	0 NR NR	NR NR NR	0 1 0

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

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

DOD CAMP PARKS MILITARY RESERVATION

DOD CUSA136186 N/A

Region West < 1/8

658 ft.

**CAMP PARKS MILITARY RESER (County), CA** 

DOD:

Feature 1: Army DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported

Name 1: Camp Parks Military Reservation

Name 2: Not reported Name 3: Not reported

State: CA DOD Site: Yes

Tile name: CAALAMEDA

1 PARKS AFB FUDS 1007211938 N/A

< 1/8 DUBLIN, CA 1 ft.

FUDS:

 Relative:
 Federal Facility ID:
 CA9799FA506

 Lower
 FUDS #:
 J09CA0083

 INST ID:
 63275

INST ID: 63275 **Actual:** Facility Name: PARKS AFB **341 ft.** City: DUBLIN

City: DUBLIN
State: CA
EPA Region: 09
County: ALAMEDA
Congressional District: 11

US Army District: Sacramento District (SPK)

Fiscal Year: 2011

Telephone: 916-557-7461
NPL Status: Not reported
RAB: Not reported
CTC: 7415.2
Current Owner: LOCAL GOVT
Current Prog: Not reported
Future Prog: Not reported

Description: The 1,187.27-acre site is located in Contra Costa and Alameda

Counties, California, approximately 33 miles east of San Francisco and four miles north of Pleasanton. The site is adjacent to Camp Parks. The sewage lagoon area south of Highway 580 is currently owned by the Dublin San Ramon Services District and operated as a sewage treatment facility. A land swap between the Bay Area Regional Transit (BART), the County of Alameda, the East Bay Parks District, and the U.S. Government has been proposed and is currently pending Department of Defense (DoD) approval. Camp Parks would surrender a 35-acre tract to

BART in exchange for a 445-acre tract owned by the East Bay Parks District, located northeast of the site. The 445-acre tract is

currently used as a park; however, dump site/burn pit located in the southeastern portion of the site was reportedly used by the Navy hospital. Camp Parks has initiated an investigation of the site in anticipation of the land transfers. The Santa Rita County Jail was operated on the former site of the Naval disciplinary barracks until 1989. The entire site was beneficially used by the County of Alameda. Of the nine underground storage tanks (USTs) located on the site, five

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

PARKS AFB (Continued) 1007211938

were removed in 1990. Two 20,000-gallon USTs were abondoned in place in 1985. The northern third of the parcel has been recently developed with the addition of the new Santa Rita County Jail, a Highway Patrol building, and a Sherriff's Department facility. The Sherriff's Department utilizes an old DoD rifle range on the northern border of the property.

In 1942, the U.S. Government acquired 3,912.09 fee acres, 1.73 acres in three perpetual easements, 0.54 acres by two permits, and one no-area easement. The Navy built a training center known as Shoemaker Naval Reservation from 1942 to 1944. In 1953, 3,912.09 fee acres were transferred from the Navy to the Air Force along with the 1.73 easement acres, 0.54 permit acres and the no-area easement. Two acres were leased to a construction company and not used by the military in a manner where contamination by ordnance would have occured. In 1956, two acres were reported excess to the General Services Administration (GSA), which were quitclaimed the following year. The U.S. reserved 0.14 of the two acres for easement which was transferred to the Army in 1959 for Camp Parks. Also transferred to the Army that year were 3,910.09 fee acres, 0.54 permit acres, and 1.73 easement acres. In 1964, the property was declared excess, but the Department of the Army ordered 1,600 acres to be retained for National Guard and Navy use. At present, 2204.675 acres are operated by Camp Parks. The sewage lagoon (139.29 acres) is owned by the Dublin San Ramon Services District. Alameda County Flood Control Zone 7 owns Well Sites No. 1 and 2. The Well Site No. 2 (60 acres) is owned by the City of Pleasanton. On 11 July 1969, 591.84 fee acres were transferred to the County of Alameda. Of the original 3,914.36 acres. 2,713.47 acres are currently owned by the U.S. for Camp Parks Army Reserve Base. An 11.62 acre parcel is also owned by the U.S. for a naval radar station. The remaining 1,187.27 acres have been transferred to other non-federal government entities.

2 DUBLIN FORMER INCINERATOR/BURN DUMP AREA HACIENDA DRIVE & MARTINELLI DRIVE

< 1/8 DUBLIN, CA 94588

1 ft.

ENVIROSTOR:

Relative: Site Type: Evaluation
Higher Site Type Detailed: Evaluation
Acres: 0.2
Actual: NPL: NO

342 ft. Regulatory Agencies: SMBRP, IWMB, ALAMEDA COUNTY

Lead Agency: SMBRP
Program Manager: Karen Toth
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Facility ID: 70000157
Site Code: Not reported

Assembly: 16 Senate: 07

Special Program: Not reported
Status: No Further Action
Status Date: 12/07/2005

Restricted Use: NO

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

Latitude: 37.7044 Longitude: -121.8891 **ENVIROSTOR** 

S107736237

N/A

**EDR ID Number** 

Direction Distance

Elevation Site Database(s) EPA ID Number

### **DUBLIN FORMER INCINERATOR/BURN DUMP AREA (Continued)**

S107736237

**EDR ID Number** 

APN: 986-5-39, 986-5-40
Past Use: INCINERATOR - OTHER

Potential COC: 30013 Confirmed COC: 30013 Potential Description: SOIL

 Alias Name:
 986-5-39

 Alias Type:
 APN

 Alias Name:
 986-5-40

 Alias Type:
 APN

 Alias Name:
 70000157

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: 12/05/2005

Comments: A compilation of reports and sampling described in the November 28,

2005 letter from Fugro were reviewed as a PEA equivalent document. Based upon DTSC's evaluation of the available information/reports, the Incinerator/Burn Dump area at Hacienda Drive & Martinelli Drive does not appear to pose a threat to human health or the environment

under a residential land use scenario.

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: Not reported Schedule Due Date: Schedule Revised Date: Not reported

A3 SHELL SERVICE STATION US SAP 165 112

NE 4895 HACIENDA DR < 1/8 LIVERMORE, CA 94550

0.029 mi.

155 ft. Site 1 of 4 in cluster A

Relative: RCRA-SQG:

Higher Date form received by agency: 11/25/2008

Facility name: SHELL SERVICE STATION US SAP 165 112

Actual: Facility address: 4895 HACIENDA DR 349 ft. DUBLIN, CA 94568

EPA ID: CAR000128983
Mailing address: 12700 NORTHBOROUGH

RM 300 F07

HOUSTON, TX 77067

Contact: DON F WISDOM

Contact address: 12700 NORTHBOROUGH RM 300 F07

HOUSTON, TX 77067

Contact country: US

Contact telephone: 281-874-2238

Contact email: DON.F.WISDOM@SHELL.COM

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

RCRA-SQG

FINDS

1006805539

CAR000128983

Direction Distance Elevation

n Site Database(s) EPA ID Number

#### SHELL SERVICE STATION US SAP 165 112 (Continued)

1006805539

**EDR ID Number** 

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SHELL OIL PRODUCTS US

Owner/operator address:
Not reported
Not reported
Owner/operator country:
Owner/operator telephone:
Not reported
Not reported

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS US

Owner/operator address: P O BOX 2099

HOUSTON, TX 77252

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 08/01/1998 Owner/Op end date: Not reported

Handler Activities Summary:

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

#### Historical Generators:

Date form received by agency: 09/26/2002

Facility name: SHELL SERVICE STATION US SAP 165 112

Site name: SHELL SERVICE STATION
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,

Direction Distance

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

#### SHELL SERVICE STATION US SAP 165 112 (Continued)

1006805539

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018 **BENZENE** Waste name:

Violation Status: No violations found

FINDS:

Registry ID: 110013304879

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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.

SHELL #16-5112 LUST S109285388 **4895 HACIENDA DR** Alameda County CS N/A

**DUBLIN, CA 94568** < 1/8

0.029 mi.

Actual:

349 ft.

Α4

ΝE

155 ft. Site 2 of 4 in cluster A

LUST: Relative: Region: Higher

Global Id: T10000000423 Latitude: 37.704924 Longitude: -121.887546

LUST Cleanup Site Case Type:

Open - Verification Monitoring Status:

STATE

Status Date: 01/07/2013

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: JTW

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: NA

LOC Case Number: RO0002985

File Location: Stored electronically as an E-file Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: The site is an active service station. Four soil borings were advanced at the site on August 20, 2008 as part of a Phase II

Environmental Site Assessment for due diligence. MTBE was detected in three of four soil samples collected at concentrations ranging from 0.02 to 0.073 milligrams per kilogram. MTBE was also detected in both grab groundwater samples collected at the site at concentrations of

2.3 to 370 micrograms per liter. Additional site investigation activities including cone penetration test borings downgradient of the site have delineated the extent of groundwater contamination

MAP FINDINGS Map ID

Direction Distance

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

#### SHELL #16-5112 (Continued)

S109285388

which appears to be largely limited to the service station. Pending the completion of well survey, the site will be evaluated for potential case closure under the State Water Resources Control Board Low-Threat Closure Policy.

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

Contact:

Global Id: T10000000423

Contact Type: Local Agency Caseworker Contact Name: JERRY WICKHAM ALAMEDA COUNTY LOP Organization Name: Address: 1131 HARBOR BAY PARKWAY

ALAMEDA City: Email: Not reported Phone Number: 5105676791

Regulatory Activities:

Global Id: T10000000423 Action Type: **ENFORCEMENT** Date: 12/19/2011

Action: File review - #20111219

Global Id: T10000000423 Action Type: **RESPONSE** Date: 05/24/2012

Action: Soil and Water Investigation Report

T10000000423 Global Id: Action Type: **RESPONSE** 04/15/2010 Date:

Action: Well Installation Report

Global Id: T10000000423 **ENFORCEMENT** Action Type: 06/30/2010 Date:

Action: Staff Letter - #20100630

T10000000423 Global Id: **ENFORCEMENT** Action Type: Date: 06/20/2011

Action: Staff Letter - #20110620

Global Id: T10000000423 Action Type: Other Date: 01/01/1950 Action: Leak Reported

T10000000423 Global Id: Action Type: **ENFORCEMENT** Date: 07/02/2012

Action: Staff Letter - #20120702

Global Id: T10000000423 Action Type: **ENFORCEMENT** 02/19/2013 Date:

Action: Staff Letter - #20130219

MAP FINDINGS Map ID

Direction Distance

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

#### SHELL #16-5112 (Continued)

S109285388

T10000000423 Global Id: **ENFORCEMENT** Action Type: Date: 07/28/2009

Action: Staff Letter - #20090728

Global Id: T10000000423 **ENFORCEMENT** Action Type: 07/28/2009 Date:

Action: Notice to Comply - #20090728

T10000000423 Global Id: **RESPONSE** Action Type: 01/11/2013 Date:

Action: Soil and Water Investigation Report

Global Id: T10000000423 Action Type: **ENFORCEMENT** 10/14/2010 Date:

Staff Letter - #20101014 Action:

Global Id: T10000000423 **RESPONSE** Action Type: Date: 04/26/2013

Action: Sensitive Receptor Survey Report

Global Id: T10000000423 Action Type: Other Date: 01/01/1950 Action: Leak Discovery

Global Id: T10000000423 Action Type: **ENFORCEMENT** Date: 11/17/2009

Action: Staff Letter - #20091117

Global Id: T10000000423 Action Type: **ENFORCEMENT** Date: 02/26/2009

Staff Letter - #20090226 Action:

T10000000423 Global Id: Action Type: **ENFORCEMENT** Date: 02/19/2013

File Review - Closure - #20130219 Action:

Alameda County CS:

Status: Leak Confirmation RO0002985 Record Id: PE: 5602

Pollution Characterization Status:

Record Id: RO0002985 PE: 5602

Direction Distance

Elevation Site Database(s) EPA ID Number

A5 RETAIL SHELL SERVICE STATION RCRA-SQG 1006816656
NE 4895 HACIENDA DR FINDS CAR000130443

< 1/8 DUBLIN, CA 94568

0.029 mi.

155 ft. Site 3 of 4 in cluster A

Relative: RCRA-SQG:

Higher Date form received by agency: 12/09/2002

Facility name: RETAIL SHELL SERVICE STATION

Actual: Facility address: 4895 HACIENDA DR 349 ft. DUBLIN, CA 94568

EPA ID: CAR000130443 Mailing address: 777 WALKER ST

Mailing address: 777 WALKER ST TSP 1918

HOUSTON, TX 77002

Contact: KYLE LANDRENEAU
Contact address: 777 WALKER ST TSP 1918

HOUSTON, TX 77002

Contact country: Not reported
Contact telephone: 713-241-3354
Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator country:

Owner/operator name: SHELL OIL PRODUCTS US

Owner/operator address: Not reported

Not reported Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/2002 Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS US

Owner/operator address: Not reported

Not reported Not reported Not reported

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/19/1998
Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator country:

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

**EDR ID Number** 

**HAZNET** 

MAP FINDINGS Map ID

Direction Distance

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

#### **RETAIL SHELL SERVICE STATION (Continued)**

1006816656

Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018 BENZENE Waste name:

Violation Status: No violations found

FINDS:

Registry ID: 110014463311

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.

HAZNET:

Year: 2004

Gepaid: CAR000130443

RETAIL SHELL SERVICE STATION Contact:

Telephone: Not reported Mailing Name: Not reported

12700 NORTHBOROUGH DR MFT240G Mailing Address:

HOUSTON, TX 770672508 Mailing City, St, Zip:

Gen County: Not reported CAD009466392 TSD EPA ID: TSD County: Not reported

Waste Category: Other empty containers 30 gallons or more

Disposal Method: Not reported Tons: 0.37

Facility County: Alameda

MAP FINDINGS Map ID

Direction Distance

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

A6 HACIENDA CROSSINGS SHELL(CUPA) UST U003973630 ΝE N/A

4895 HACIENDA DR **DUBLIN, CA** 

< 1/8 0.029 mi.

Site 4 of 4 in cluster A 155 ft. UST:

Relative:

Higher

Facility ID: 01-000-306428 Latitude: 37.70529 Actual: Longitude: -121.88786

349 ft.

ALAMEDA CO. UST:

FA0006711 Facility ID: Program Element: 4102 Facility Status: Active UST - 2 Description: Inspection Date: 11/20/2013 Closed: Not reported C & J COX CORP Owner Name:

**ALCO SANTA RITA PARCELS 16 & OPTION** 7 ΝE **0 DUBLIN BLVD & HACIENDA DR** 

**DUBLIN, CA 94568** 

1/8-1/4 0.125 mi.

661 ft.

SLIC: Relative: Region: Higher

STATE **Facility Status: Completed - Case Closed** 

Actual: 07/10/1998 Status Date: 350 ft. Global Id: T06019781402

> Lead Agency: ALAMEDA COUNTY LOP

Lead Agency Case Number: RO0002760 Latitude: 37.7039916287857 Longitude: -121.890864372253 Case Type: Cleanup Program Site

Case Worker: SOS

ALAMEDA COUNTY LOP Local Agency:

RB Case Number: NA

File Location: Stored electronically as an E-file Aquifer used for drinking water supply Potential Media Affected:

Potential Contaminants of Concern: Trichloroethylene (TCE)

Site History: Not reported

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

Alameda County CS:

Case Closed Status: RO0002760 Record Id: PE: 5502

SLIC

**Alameda County CS** 

S106784835

N/A

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

8 KIDDIE KANDIDS NO 00551 RCRA-SQG 1010313768 NE 4990 DUBLIN BLVD CAR000177808

1/8-1/4 0.165 mi. 870 ft.

Relative: RCRA-SQG:

Higher Date form received by agency: 09/26/2006

**DUBLIN, CA 94568** 

Facility name: KIDDIE KANDIDS NO 00551

Actual: Facility address: 4990 DUBLIN BLVD 353 ft. DUBLIN, CA 94568

EPA ID: CAR000177808
Contact: ROBYN E TYSON
Contact address: 4990 DUBLIN BLVD

**DUBLIN, CA 94568** 

Contact country: US

Contact telephone: 925-803-7791 Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TOYS R US
Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 07/20/2006 Owner/Op end date: Not reported

Owner/operator name: TOYS R US

Owner/operator address: ONE GEOFFREY WAY

WAYNE, NJ 07470

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 07/20/2006 Owner/Op end date: Not reported

Handler Activities Summary:

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

Direction Distance

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

**KIDDIE KANDIDS NO 00551 (Continued)** 

1010313768

User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

D011 Waste code: Waste name: **SILVER** 

Violation Status: No violations found

**CALIFORNIA CARRIERS B9** RCRA NonGen / NLR 1009398200 CAR000171744

ΝE **5010 HAVEN PLACE** 1/8-1/4 **DUBLIN, CA 94568** 

0.175 mi.

922 ft. Site 1 of 2 in cluster B

RCRA NonGen / NLR: Relative:

Date form received by agency: 12/02/2005 Higher

Facility name: **CALIFORNIA CARRIERS** Actual: Facility address: 5010 HAVEN PLACE 352 ft.

**APT NO 110** 

**DUBLIN, CA 94568** EPA ID: CAR000171744

Contact: **GURIGBAL S RANDHAWA** 

Contact address: 5010 HAVEN PLACE APT NO 110

**DUBLIN, CA 94568** 

Contact country: US

Contact telephone: 510-755-1592 Contact email: Not reported

EPA Region:

Classification: Non-Generator

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

Owner/Operator Summary:

Owner/operator name: **GURIGBAL S RANDHAWA** Owner/operator address: 5010 HAVEN PLACE APT NO 110

**DUBLIN, CA 94568** 

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 09/27/2005 Owner/Op end date: Not reported

**GURIGBAL RANDHAWA** Owner/operator name:

Not reported Owner/operator address:

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 09/27/2005 Owner/Op end date: Not reported

Handler Activities Summary:

MAP FINDINGS Map ID

Direction Distance

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

**CALIFORNIA CARRIERS (Continued)** 

1009398200

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Yes 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

Violation Status: No violations found

10 **EDR US Hist Auto Stat** 1015527867 NNE **5050 HACIENDA DR** N/A

**DUBLIN, CA 94568** 1/8-1/4

0.206 mi. 1086 ft.

**EDR Historical Auto Stations:** Relative:

Name: A & A AUTO BODY TOUCH UP Higher

Year: 2003

Actual: Address: 5050 HACIENDA DR

352 ft.

**B11 ARCHSTONE COMMUNITIES** LUST S103556030 NE **5054 HAVENS PL** N/A

1/8-1/4 **DUBLIN, CA 94568** 

0.210 mi.

1109 ft. Site 2 of 2 in cluster B

LUST REG 2: Relative: Higher Region: 2

01-2456 Facility Id: Actual: Facility Status: Case Closed

353 ft. Case Number: 6613

> How Discovered: Tank Closure UNK Leak Cause: UNK Leak Source: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

12 ARCHSTONE COMMUNITIES HIST CORTESE \$103723076 NE 5054 HAVENS PL LUST N/A

5054 HAVENS PL LUST N/A
DUBLIN, CA 94568 Alameda County CS

1/4-1/2 0.277 mi. 1465 ft.

Relative: CORTESE:

Higher Region: CORTESE

Facility County Code:

 Actual:
 Reg By:
 LTNKA

 357 ft.
 Reg Id:
 01-2456

LUST:

Region: STATE
Global Id: T0600102264
Latitude: 37.7071
Longitude: -121.887798
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Status Date: 01/18/2000

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: SOS

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: 01-2456 LOC Case Number: RO0000821

File Location: Stored electronically as an E-file

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Gasoline Site History: Not reported

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

Contact:

Global Id: T0600102264

Contact Type: Local Agency Caseworker

Contact Name: SCOTT SEERY

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY

City: ALAMEDA
Email: Not reported
Phone Number: Not reported

Global Id: T0600102264

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND

Email: cmccaulou@waterboards.ca.gov

Phone Number: Not reported

Regulatory Activities:

 Global Id:
 T0600102264

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

**EDR ID Number** 

MAP FINDINGS Map ID

Direction Distance

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

#### **ARCHSTONE COMMUNITIES (Continued)**

S103723076

Alameda County CS:

Case Closed Status: RO0000821 Record Id: PE: 5602

C13 **VALLEY NISSAN VOLVO** HIST CORTESE S104574398 N/A

West **6015 SCARLETT CT LUST** 1/4-1/2 **DUBLIN, CA 94568** Alameda County CS

0.370 mi.

1952 ft. Site 1 of 2 in cluster C

CORTESE: Relative:

CORTESE Region: Lower

Facility County Code:

Actual: LTNKA Reg By: 332 ft. Reg Id: 01-1250

LUST:

STATE Region: Global Id: T0600101149 Latitude: 37.702183 Longitude: -121.903191 Case Type: LUST Cleanup Site Status: Completed - Case Closed

Status Date: 11/18/1994

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: EC

ALAMEDA COUNTY LOP Local Agency:

RB Case Number: 01-1250 LOC Case Number: RO0000721

File Location: Stored electronically as an E-file

Potential Media Affect:

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

Site History: Not reported

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

Contact:

T0600101149 Global Id:

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: **OAKLAND** 

Email: cmccaulou@waterboards.ca.gov

Phone Number: Not reported

T0600101149 Global Id:

Contact Type: Local Agency Caseworker

Contact Name: **EVA CHU** 

ALAMEDA COUNTY LOP Organization Name: Address: 1131 HARBOR BAY PARKWAY

City: ALAMEDA Email: Not reported Phone Number: 5105676762

MAP FINDINGS Map ID

Direction Distance

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

### **VALLEY NISSAN VOLVO (Continued)**

S104574398

**EDR ID Number** 

Regulatory Activities:

Global Id: T0600101149 Action Type: Other Date: 01/01/1950 Action: Leak Reported

T0600101149 Global Id: REMEDIATION Action Type: Date: 01/01/1950 Action: Not reported

LUST REG 2:

Region:

Facility Id: 01-1250 Facility Status: Case Closed

Case Number: 2045

How Discovered: Tank Closure Overfill Leak Cause: Leak Source: Other Source Date Leak Confirmed: Not reported

Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: 11/10/1989 Not reported Preliminary Site Assesment Began: 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

Alameda County CS:

Status: Case Closed Record Id: RO0000721 5602 PE:

14 SANTA RITA CENTRAL PARCEL

HIST CORTESE S103472194 **0 DUBLIN BLVD** N/A LUST **DUBLIN, CA 94568** Alameda County CS

1/4-1/2 0.382 mi. 2017 ft.

ΝE

CORTESE: Relative:

CORTESE Region: Higher

Facility County Code: Actual: Reg By: **LTNKA** 362 ft. Reg Id: 01-2449

LUST:

Region: STATE Global Id: T0600102257 Latitude: 37.7143739 Longitude: -121.935514 Case Type: **LUST Cleanup Site** Status: Completed - Case Closed

Status Date: 04/05/1996

ALAMEDA COUNTY LOP Lead Agency:

Case Worker: SOS

Direction Distance

Elevation Site Database(s) EPA ID Number

#### SANTA RITA CENTRAL PARCEL (Continued)

S103472194

**EDR ID Number** 

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: 01-2449 LOC Case Number: RO0000901

File Location: Stored electronically as an E-file

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Heating Oil / Fuel Oil Site History: Not reported

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

Contact:

Global Id: T0600102257

Contact Type: Local Agency Caseworker

Contact Name: SCOTT SEERY

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY

City: ALAMEDA
Email: Not reported
Phone Number: Not reported

Global Id: T0600102257

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND

Email: cmccaulou@waterboards.ca.gov

Phone Number: Not reported

Regulatory Activities:

 Global Id:
 T0600102257

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Discovery

 Global Id:
 T0600102257

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0600102257

 Action Type:
 REMEDIATION

 Date:
 01/01/1950

 Action:
 Excavation

LUST REG 2:

Region: 2

Facility Id: 01-2449
Facility Status: Case Closed
Case Number: 5541

How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported

Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

#### SANTA RITA CENTRAL PARCEL (Continued)

S103472194

Preliminary Site Assesment Began:

Pollution Characterization Began:

Pollution Remediation Plan Submitted:

Date Remediation Action Underway:

Not reported

Alameda County CS:

Status: Case Closed Record Id: RO0000901 PE: 5602

Status:

Record Id: RO0002808 PE: 5502

11

 15
 ANG NEWSPAPERS
 LUST S107863118

 SW
 4770 WILLOW RD
 Alameda County CS N/A

1/4-1/2 PLEASANTON, CA 94588

0.416 mi. 2198 ft.

Relative: LUST:

 Lower
 Region:
 STATE

 Global Id:
 T0600147100

 Actual:
 Latitude:
 37.697851

 328 ft.
 Longitude:
 -121.899058

 Case Type:
 LUST Cleanup Site

Status: Completed - Case Closed

Status Date: 06/28/2006

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: JTW

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: 01--3540 LOC Case Number: RO0002605

File Location: Stored electronically as an E-file
Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:

Global Id: T0600147100

Contact Type: Local Agency Caseworker
Contact Name: JERRY WICKHAM
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY

City: ALAMEDA
Email: Not reported
Phone Number: 5105676791

Global Id: T0600147100

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND

Email: cmccaulou@waterboards.ca.gov

MAP FINDINGS Map ID

Direction Distance

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

Not reported

ANG NEWSPAPERS (Continued)

S107863118

Regulatory Activities:

Phone Number:

Global Id: T0600147100 Action Type: Other 01/01/1950 Date: Action: Leak Discovery

Global Id: T0600147100 Action Type: Other Date: 01/01/1950 Action: Leak Reported

T0600147100 Global Id: Action Type: REMEDIATION 01/01/1950 Date: Action: Not reported

Global Id: T0600147100 Action Type: **ENFORCEMENT** 06/28/2006 Date:

Action: Closure/No Further Action Letter - #20060628

Global Id: T0600147100 Action Type: Other 01/01/1950 Date: Action: Leak Stopped

Alameda County CS:

Status: Leak Confirmation Record Id: RO0002605 PE: 5602

Pollution Characterization Status:

Record Id: RO0002605 PE: 5602

Case Closed Status: RO0002605 Record Id: PE: 5602

C16 **SCOTSMAN GROUP HIST CORTESE** S102436609 West **6055 SCARLETT CT** LUST N/A **DUBLIN, CA 94568** Alameda County CS

1/4-1/2 0.421 mi.

2224 ft. Site 2 of 2 in cluster C

CORTESE: Relative:

Region: CORTESE Lower

Facility County Code:

Actual: Reg By: LTNKA 330 ft. Reg Id: 01-1309

LUST:

STATE Region:

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

# SCOTSMAN GROUP (Continued)

S102436609

**EDR ID Number** 

 Global Id:
 T0600101204

 Latitude:
 37.703425

 Longitude:
 -121.90387

 Case Type:
 LUST Cleanup Site

Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Status Date: 11/30/1993

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: EC

Local Agency: ALAMEDA COUNTY LOP

RB Case Number: 01-1309 LOC Case Number: RO0000616

File Location: Stored electronically as an E-file

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Gasoline Site History: Not reported

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

Contact:

Global Id: T0600101204

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND

Email: cmccaulou@waterboards.ca.gov

Phone Number: Not reported

Global Id: T0600101204

Contact Type: Local Agency Caseworker

Contact Name: EVA CHU

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY

Address: 1131 HARBOR BAY PAR City: ALAMEDA

Email: Not reported Phone Number: 5105676762

Regulatory Activities:

 Global Id:
 T0600101204

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0600101204

 Action Type:
 REMEDIATION

 Date:
 01/01/1950

 Action:
 Excavation

LUST REG 2:

Region: 2

Facility Id: 01-1309
Facility Status: Case Closed
Case Number: 3128

How Discovered: Tank Closure
Leak Cause: Structure Failure

Leak Source: Tank

MAP FINDINGS Map ID

Direction Distance

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

**SCOTSMAN GROUP (Continued)** 

Date Leak Confirmed: Not reported LUST Oversight Program:

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: 3/30/1989 Pollution Characterization Began: 8/30/1989 Pollution Remediation Plan Submitted: Not reported Date Remediation Action Underway: Not reported Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Case Closed Record Id: RO0000616 5602 PE:

**CHARLES LEMOANE PROPERTY** HIST CORTESE S102432592 17

West **6085 SCARLETT CT LUST** N/A

1/4-1/2 **DUBLIN, CA 94568** Alameda County CS **SWEEPS UST** 0.460 mi.

2430 ft.

CORTESE: Relative:

Region: CORTESE Lower

Facility County Code:

Actual: Reg By: **LTNKA** 329 ft. Reg Id: 01-1565

LUST:

STATE Region: Global Id: T0600101440 Latitude: 37.702242 Longitude: -121.903666 Case Type: LUST Cleanup Site Completed - Case Closed Status: 08/25/1998 Status Date:

Lead Agency: ALAMEDA COUNTY LOP

Case Worker: EC

ALAMEDA COUNTY LOP Local Agency:

RB Case Number: 01-1565 LOC Case Number: RO0001149

File Location: Stored electronically as an E-file

Potential Media Affect: Other Groundwater (uses other than drinking water)

Potential Contaminants of Concern: Diesel Not reported Site History:

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

Contact:

T0600101440 Global Id:

Contact Type: Regional Board Caseworker

Contact Name: Cherie McCaulou

SAN FRANCISCO BAY RWQCB (REGION 2) Organization Name:

Address: 1515 CLAY STREET, SUITE 1400

City: OAKLAND

Email: cmccaulou@waterboards.ca.gov

Phone Number: Not reported

Global Id: T0600101440 S102436609

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

# **CHARLES LEMOANE PROPERTY (Continued)**

S102432592

**EDR ID Number** 

Contact Type: Local Agency Caseworker

Contact Name: EVA CHU

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY

City: ALAMEDA
Email: Not reported
Phone Number: 5105676762

Regulatory Activities:

 Global Id:
 T0600101440

 Action Type:
 Other

 Date:
 01/01/1950

 Action:
 Leak Reported

 Global Id:
 T0600101440

 Action Type:
 REMEDIATION

 Date:
 01/01/1950

 Action:
 Not reported

LUST REG 2:

Region: 2

Facility Id: 01-1565
Facility Status: Case Closed
Case Number: 3730
How Discovered: Tank Closure
Leak Cause: Structure Failure

Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST

Prelim. Site Assesment Wokplan Submitted: 7/11/1990
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

Alameda County CS:

Status: Case Closed Record Id: RO0001149 PE: 5602

SWEEPS UST:

Not reported Status: Comp Number: 51601 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported Not reported Tank Status: Owner Tank Id: Not reported

Swrcb Tank Id: 01-000-051601-000001

Actv Date: Not reported

Capacity: 550

MAP FINDINGS Map ID

Direction Distance

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

# **CHARLES LEMOANE PROPERTY (Continued)**

S102432592

Tank Use: M.V. FUEL Stg: **PRODUCT** LEADED Content: Number Of Tanks:

Not reported Comp Number: 51601 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Not reported Created Date: Not reported Tank Status: Owner Tank Id: Not reported

01-000-051601-000002 Swrcb Tank Id:

Actv Date: Not reported 550 Capacity: M.V. FUEL Tank Use: Stg: **PRODUCT** 

**LEADED** Content: Number Of Tanks: Not reported

Not reported Status: Comp Number: 51601 Number: Not reported Board Of Equalization: Not reported Referral Date: Not reported Action Date: Not reported Created Date: Not reported Tank Status: Not reported Not reported Owner Tank Id:

Swrcb Tank Id: 01-000-051601-000003

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

**CHEVRON STATION #9-0917 WSW 5280 HOPYARD ROAD** 

1/2-1 PLEASANTON, CA 94588 0.649 mi. 3428 ft.

323 ft.

18

Notify 65: Relative:

Date Reported: Not reported Lower

Staff Initials: Not reported Actual: Board File Number: Not reported Facility Type: Not reported

Discharge Date: Not reported Incident Description: 94588

Notify 65

S100179794

N/A

Map ID MAP FINDINGS Direction Distance **EDR ID Number EPA ID Number** Elevation Site Database(s)

**AMERICAN CITIES INC. SERVICES** Notify 65 S100179159 19 N/A

WNW **6310 HOUSTON PLACE** 1/2-1 **DUBLIN, CA 92562** 

0.857 mi. 4523 ft.

Notify 65: Relative:

Date Reported: Not reported Lower

Staff Initials: Not reported Actual: Board File Number: Not reported 337 ft. Not reported Not reported

Facility Type: Discharge Date: Incident Description: 92562 Count: 27 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
	S105256196	CAL DEPT OF TRANS- STATE RTE 4	HWY 4 CONTRA COSTA COUNTY	0	WDS
DUBLIN	S105628377	DOUGHERTY ELEMENTARY SCHOOL	HACIENDA DRIVE	94588	SCH,ENVIROSTOR
DUBLIN	S106235163	WARMINGTON HOMES - HANSEN HILLS	DUBLIN BLVD @ SILVERGATE DR		SLIC
	S106235193	SANTA RITA PROPERTY	PARCEL 15 DUBLIN BLVD & HACIEN		SLIC
DUBLIN	S106571178	DUBLIN RANCH - WETLAND MITIG	E OF TASSAJARA R/ DUBLIN BLVD	94568	WDS
DUBLIN	S107535644		660 DONLON WAY (CROSS - DUBLIN	94568	CDL
	S107537953		CALAVERAS RD/MI MARKER 5.70 @		CDL
DUBLIN	S108246038	PARCEL NO 550-39-3	0 DUBLIN BLVD & SCARLETT CT	94568	SLIC,CS ALAMEDA
DUBLIN	S109118022	SANTA RITA PROPERTY	PARCEL 15 DUBLIN BLVD & HACIEN		SLIC
DUBLIN	S109438652	CAMELLIA PLACE	SW CORNER OF DUBLIN BLVD & DEM	94588	NPDES
DUBLIN	S109444930	GREEN ON PARK PL	MARTINELLI & HACIENDA DR	94568	NPDES
DUBLIN	S109450435	METROPOLITAN AT DUBLIN STATION	SE CORNER DUBLIN BL & IRON HOR	94568	NPDES
DUBLIN	S109517597	GREEN ON PARK PLACE	5411 MARTINELLI WAY	94588	CS ALAMEDA,LUST
DUBLIN	S110736518	T2771 DUBLIN EAST AT FALLON GATEWA	FALLON ROAD AND INTERSTATE 580	94568	NPDES
DUBLIN	S111292720	SCHAEFER RANCH	W TERMINUS OF DUBLIN BLVD	94568	NPDES
DUBLIN	S111293128	W DUBLIN PLEASANTON STATION	I 580 MEDIAN BTWN SAN RAMON RD	94568	NPDES
DUBLIN	S111828404	EAST COUNTY HALL OF JUSTICE PHASE	GLEASON DRIVE AND HACIENDA DRI	94568	NPDES
DUBLIN	S111828779	SCHAEFER RANCH UNIT 1	W TERMINUS OF DUBLIN BLVD	94568	NPDES
DUBLIN	S111828780	SCHAEFER RANCH UNIT 2	DUBLIN BLVD AND SCHAEFER RANCH	94568	NPDES
DUBLIN	S112186505	ALCO EAST COUNTY HALL OF JUSTICE	0 GLEASON/HACIENDA DRIVE	94568	LUST
DUBLIN	S112832326	FALLON GATEWAY	2800 DUBLIN BLVD	94568	NPDES
DUBLIN	S112832771	SCHAEFER RANCH ORCHID	DUBLIN BLVD AND JACQUELINE STR	94568	NPDES
DUBLIN	S112832772	SCHAEFER RANCH PARK	SCHAEFER HEIGHTS RD AND DUBLIN	94568	NPDES
DUBLIN	S112858946	J. PATRICK LAND COMPANY	CORNER OF DUBLIN BLVD AND	94568	HAZNET
DUBLIN	S112886214	BAY AREA RAPID TRANSIT DISTRICT	GOLDEN GATE RD & DUBLIN BLVD	94568	HAZNET
DUBLIN	S112993185	STOCKBRIDGE BHV EMERALD PLACE LAND	5144 MARTINELLI WAY	94568	HAZNET
DUBLIN	S113015984	PARK AVE CLEANERS CORP	7102 B DUBLIN BLVD	94568	HAZNET

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

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

## STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

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

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

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

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

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

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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

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

NPL LIENS: Federal Superfund Liens

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

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

Number of Days to Update: 56

Source: EPA
Telephone: 202-564-426

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

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

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

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

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

Number of Days to Update: 12

Source: EPA Telephone: N/A

Last EDR Contact: 05/09/2013

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

#### Federal CERCLIS list

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

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

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

Number of Days to Update: 12

Source: EPA

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

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

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Number of Days to Update: 72

Source: Environmental Protection Agency

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

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

### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

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

Number of Days to Update: 12

Source: EPA

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

Next Scheduled EDR Contact: 05/09/2013 Data Release Frequency: Quarterly

## Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/21/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 6

Source: EPA

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

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

### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

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

Number of Days to Update: 12

Source: Environmental Protection Agency

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

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

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

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

Number of Days to Update: 12

Source: Environmental Protection Agency

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

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

RCRA-SQG: RCRA - Small Quantity Generators

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

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

Number of Days to Update: 12

Source: Environmental Protection Agency

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

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

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

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

Number of Days to Update: 12

Source: Environmental Protection Agency

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

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

### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

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

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

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

US INST CONTROL: Sites with Institutional Controls

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

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

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 03/11/2013

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

LUCIS: Land Use Control Information System

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

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

Number of Days to Update: 31

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

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

## Federal ERNS list

ERNS: Emergency Response Notification System

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

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

Number of Days to Update: 29

Source: National Response Center, United States Coast Guard

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

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

# State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

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

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

Number of Days to Update: 13

Source: Department of Toxic Substances Control

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

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

State- and tribal - equivalent CERCLIS

### ENVIROSTOR: EnviroStor Database

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

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

Number of Days to Update: 13

Source: Department of Toxic Substances Control

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

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

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery

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

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

## State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks

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

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

Number of Days to Update: 41

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

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

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

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 22

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

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 9

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

Number of Days to Update: 35

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 14

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

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

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

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1) Telephone: 707-570-3769

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

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

### LUST: Geotracker's Leaking Underground Fuel Tank Report

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

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

Number of Days to Update: 8

Source: State Water Resources Control Board

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

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

## LUST REG 9: Leaking Underground Storage Tank Report

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

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

Number of Days to Update: 28

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

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

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

#### SLIC: Statewide SLIC Cases

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

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

Number of Days to Update: 8

Source: State Water Resources Control Board

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

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

## SLIC REG 1: Active Toxic Site Investigations

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

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

Number of Days to Update: 18

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

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

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

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

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

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

Number of Days to Update: 30

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

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

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

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

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

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

Number of Days to Update: 28

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 47

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 16

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

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

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

SLIC REG 6L: SLIC Sites

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

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

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

SLIC REG 7: SLIC List

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 36

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 11

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 17

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

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

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

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

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

Number of Days to Update: 65

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

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

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

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

Number of Days to Update: 162

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

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

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 49

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

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

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

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

Number of Days to Update: 59

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

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

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

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

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

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

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

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

Number of Days to Update: 43

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

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

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

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

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

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

### State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

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

Number of Days to Update: 30

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

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

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

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

Number of Days to Update: 21

Source: State Water Resources Control Board

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

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

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 65

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

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

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 45

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

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

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 49

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

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

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 43

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

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

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 34

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

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

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 94

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

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

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 02/08/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 63

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

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

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 156

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

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

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Number of Days to Update: 55

Source: FEMA Telephone: 202-646-5797

Last EDR Contact: 04/18/2013 Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: Varies

## State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

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

Number of Days to Update: 13

Source: Department of Toxic Substances Control

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

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 14

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

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

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

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

Number of Days to Update: 9

Source: Environmental Protection Agency

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

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

### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

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

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

#### WMUDS/SWAT: Waste Management Unit Database

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

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

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448 Last EDR Contact: 05/10/2013

Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

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

Number of Days to Update: 8

Source: Department of Conservation

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

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

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

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

Number of Days to Update: 20

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 05/20/2013

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

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 05/03/2013

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

### Local Lists of Hazardous waste / Contaminated Sites

## US CDL: Clandestine Drug Labs

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

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

Number of Days to Update: 59

Source: Drug Enforcement Administration

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

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

HIST CAL-SITES: Calsites Database

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

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

Number of Days to Update: 21

Source: Department of Toxic Substance Control

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

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

SCH: School Property Evaluation Program

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

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

Number of Days to Update: 13

Source: Department of Toxic Substances Control

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

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

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Number of Days to Update: 27

Source: State Water Resources Control Board

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

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

CDL: Clandestine Drug Labs

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

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

Number of Days to Update: 41

Source: Department of Toxic Substances Control

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

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

US HIST CDL: National Clandestine Laboratory Register

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

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

Number of Days to Update: 131

Source: Drug Enforcement Administration

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

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

## Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

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

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

Number of Days to Update: 8

Source: Department of Public Health

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

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

HIST UST: Hazardous Substance Storage Container Database

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

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

Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained.

The local agency is the contact for more information on a site on the SWEEPS list.

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

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

Data Release Frequency: No Update Planned

## Local Land Records

LIENS 2: CERCLA Lien Information

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

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

Number of Days to Update: 15

Source: Environmental Protection Agency

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

Next Scheduled EDR Contact: 08/12/2013

Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

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

Number of Days to Update: 12

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 03/11/2013

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

### DEED: Deed Restriction Listing

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

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

Number of Days to Update: 13

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 03/12/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 55

Source: U.S. Department of Transportation

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

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

### CHMIRS: California Hazardous Material Incident Report System

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

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

Number of Days to Update: 49

Source: Office of Emergency Services

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

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

## LDS: Land Disposal Sites Listing

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

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

Number of Days to Update: 8

Source: State Water Qualilty Control Board

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

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

### MCS: Military Cleanup Sites Listing

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

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

Number of Days to Update: 8

Source: State Water Resources Control Board

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

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

### SPILLS 90: SPILLS90 data from FirstSearch

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

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

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

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

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators

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

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

Number of Days to Update: 12

Source: Environmental Protection Agency

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

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

### DOT OPS: Incident and Accident Data

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

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

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

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

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

# DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

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

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

### FUDS: Formerly Used Defense Sites

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

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

Number of Days to Update: 15

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 03/11/2013

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

## CONSENT: Superfund (CERCLA) Consent Decrees

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

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

Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/01/2013

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

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical

and health information to aid in the cleanup.

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

Number of Days to Update: 30

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/13/2013

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

UMTRA: Uranium Mill Tailings Sites

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

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

Number of Days to Update: 146

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

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

US MINES: Mines Master Index File

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

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

Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration

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

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

TRIS: Toxic Chemical Release Inventory System

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

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

Number of Days to Update: 131

Source: EPA

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

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

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

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

Number of Days to Update: 64

Source: EPA

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

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

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

Agency on a quarterly basis.

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

Number of Days to Update: 25

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

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

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

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Number of Days to Update: 25

Source: EPA

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

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

# HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/29/2013

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

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

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

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

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 114

Source: EPA

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

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

## MLTS: Material Licensing Tracking System

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

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

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 03/11/2013

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

#### RADINFO: Radiation Information Database

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

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

Number of Days to Update: 29

Source: Environmental Protection Agency

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

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

# FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 03/12/2013

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

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

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

Number of Days to Update: 46

Source: Environmental Protection Agency

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

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

**BRS: Biennial Reporting System** 

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

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

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

CA BOND EXP. PLAN: Bond Expenditure Plan

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

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

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 30

Source: State Water Resources Control Board

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

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

UIC: UIC Listing

A listing of underground control injection wells.

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

Number of Days to Update: 8

Source: Deaprtment of Conservation

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

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

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

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

Number of Days to Update: 42

Source: CAL EPA/Office of Emergency Information

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

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

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

Number of Days to Update: 76

Source: Department of Toxic Substances Control

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

Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

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

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

**DRYCLEANERS: Cleaner Facilities** 

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

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

Number of Days to Update: 23

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 03/11/2013

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

WIP: Well Investigation Program Case List

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

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

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

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

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

ENF: Enforcement Action Listing

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

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

Number of Days to Update: 17

Source: State Water Resoruces Control Board

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

Next Scheduled EDR Contact: 08/12/2013

Data Release Frequency: Varies

### HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

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

Number of Days to Update: 14

Source: California Environmental Protection Agency

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

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

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 10/18/2010

Number of Days to Update: 19

Source: California Air Resources Board

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

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

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

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

Number of Days to Update: 34

Source: USGS

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

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

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Number of Days to Update: 54

Source: Environmental Protection Agency

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

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

## US FIN ASSUR: Financial Assurance Information

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

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

Number of Days to Update: 56

Source: Environmental Protection Agency

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

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

### PCB TRANSFORMER: PCB Transformer Registration Database

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

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

Number of Days to Update: 83

Source: Environmental Protection Agency

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

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

PROC: Certified Processors Database A listing of certified processors.

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

Number of Days to Update: 8

Source: Department of Conservation

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

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

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the

state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 03/06/2013 Date Data Arrived at EDR: 03/12/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 13

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 03/11/2013

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

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

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

Number of Days to Update: 76

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

Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/15/2013

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

HWT: Registered Hazardous Waste Transporter Database

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

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

Number of Days to Update: 31

Source: Department of Toxic Substances Control

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

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

HWP: EnviroStor Permitted Facilities Listing

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

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

Number of Days to Update: 27

Source: Department of Toxic Substances Control

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

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

Financial Assurance 2: Financial Assurance Information Listing

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

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

Number of Days to Update: 28

Source: California Integrated Waste Management Board

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

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

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

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

Number of Days to Update: 28

Source: Department of Toxic Substances Control

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

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

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

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

Number of Days to Update: 13

Source: Environmental Protection Agency

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

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

LEAD SMELTER 2: Lead Smelter Sites

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

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

Number of Days to Update: 36

Source: American Journal of Public Health

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

Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

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

Number of Days to Update: 7

Source: Environmental Protection Agency

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

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

FEDLAND: Federal and Indian Lands

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

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

Number of Days to Update: 339

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

Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

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

Number of Days to Update: 69

Source: EPA

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

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

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

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

Number of Days to Update: 9

Source: State Water Resources Control Board

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

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

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

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

Number of Days to Update: 100

Source: EPA

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

Number of Days to Update: 100

Source: EPA

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

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

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

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

Number of Days to Update: 81

Source: Environmental Protection Agency

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

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

# **EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records** 

### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

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

## EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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

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

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

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

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

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

Data Release Frequency: Varies

#### **COUNTY RECORDS**

## ALAMEDA COUNTY:

#### Contaminated Sites

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

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

Number of Days to Update: 30

Source: Alameda County Environmental Health Services

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

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

### **Underground Tanks**

Underground storage tank sites located in Alameda county.

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

Number of Days to Update: 30

Source: Alameda County Environmental Health Services

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

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

## AMADOR COUNTY:

CUPA Facility List Cupa Facility List

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

Number of Days to Update: 21

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 03/11/2013

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

# **BUTTE COUNTY:**

CUPA Facility Listing
Cupa facility list.

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

Number of Days to Update: 27

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

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

### CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

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

Number of Days to Update: 29

Source: Calveras County Environmental Health

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

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

### COLUSA COUNTY:

**CUPA Facility List** 

Cupa facility list.

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

Number of Days to Update: 46

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 05/28/2013

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

#### CONTRA COSTA COUNTY:

Site List

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

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

Number of Days to Update: 34

Source: Contra Costa Health Services Department

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

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

### **DEL NORTE COUNTY:**

**CUPA Facility List** 

Cupa Facility list

Date of Government Version: 01/09/2013 Date Data Arrived at EDR: 01/10/2013 Date Made Active in Reports: 02/25/2013

Number of Days to Update: 46

Source: Del Norte County Environmental Health Division

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

Next Scheduled EDR Contact: 08/19/2013

Data Release Frequency: Varies

#### EL DORADO COUNTY:

**CUPA Facility List** 

CUPA facility list.

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

Number of Days to Update: 25

Source: El Dorado County Environmental Management Department

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

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

## FRESNO COUNTY:

**CUPA Resources List** 

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2013 Date Data Arrived at EDR: 04/16/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 30

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

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

## **HUMBOLDT COUNTY:**

**CUPA Facility List** 

CUPA facility list.

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

Number of Days to Update: 8

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

IMPERIAL COUNTY:

**CUPA Facility List** Cupa facility list.

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

Number of Days to Update: 40

Source: San Diego Border Field Office

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

Next Scheduled EDR Contact: 08/12/2013

Data Release Frequency: Varies

INYO COUNTY:

**CUPA Facility List** Cupa facility list.

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

Number of Days to Update: 51

Source: Inyo County Environmental Health Services

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

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

KERN COUNTY:

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

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

Number of Days to Update: 29

Source: Kern County Environment Health Services Department

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

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

KINGS COUNTY:

**CUPA Facility List** 

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

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

Number of Days to Update: 36

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

LAKE COUNTY:

**CUPA Facility List** 

Cupa facility list

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

Number of Days to Update: 33

Source: Lake County Environmental Health

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

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

#### LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

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

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

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

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

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

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

Number of Days to Update: 28

Source: Department of Public Works

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

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

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

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

Number of Days to Update: 23

Source: La County Department of Public Works

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

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

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

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

Number of Days to Update: 29

Source: Engineering & Construction Division

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

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

Site Mitigation List

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

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

Number of Days to Update: 32

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

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

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

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

Number of Days to Update: 18

Source: City of El Segundo Fire Department

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

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

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department

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

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

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

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

Number of Days to Update: 31

Source: City of Torrance Fire Department

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

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

#### MADERA COUNTY:

#### **CUPA Facility List**

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

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

Number of Days to Update: 31

Source: Madera County Environmental Health

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

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

#### MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

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

Number of Days to Update: 54

Source: Public Works Department Waste Management

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

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

## MERCED COUNTY:

CUPA Facility List CUPA facility list.

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

Number of Days to Update: 27

Source: Merced County Environmental Health

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

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

#### MONO COUNTY:

CUPA Facility List

**CUPA Facility List** 

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

Number of Days to Update: 17

Source: Mono County Health Department

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

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

#### MONTEREY COUNTY:

**CUPA Facility Listing** 

CUPA Program listing from the Environmental Health Division.

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

Number of Days to Update: 12

Source: Monterey County Health Department

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

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

#### NAPA COUNTY:

Sites With Reported Contamination

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

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

Number of Days to Update: 63

Source: Napa County Department of Environmental Management

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

Next Scheduled EDR Contact: 09/16/2013

Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008 Date Data Arrived at EDR: 01/16/2008 Date Made Active in Reports: 02/08/2008

Number of Days to Update: 23

Source: Napa County Department of Environmental Management

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

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

## NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

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

Number of Days to Update: 17

Source: Community Development Agency

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

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

## ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 22

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

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

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

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

Number of Days to Update: 29

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

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

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

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

Number of Days to Update: 37

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

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

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/12/2013 Date Data Arrived at EDR: 03/13/2013 Date Made Active in Reports: 03/27/2013

Number of Days to Update: 14

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2013 Date Data Arrived at EDR: 04/24/2013 Date Made Active in Reports: 05/17/2013

Number of Days to Update: 23

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/25/2013

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

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/23/2013 Date Data Arrived at EDR: 04/24/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 22

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/25/2013

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

SACRAMENTO COUNTY:

#### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 04/11/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 33

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2013

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

#### Master Hazardous Materials Facility List

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

Date of Government Version: 02/04/2013 Date Data Arrived at EDR: 04/12/2013 Date Made Active in Reports: 05/16/2013

Number of Days to Update: 34

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2013

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

#### SAN BERNARDINO COUNTY:

#### Hazardous Material Permits

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

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/05/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 20

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 05/13/2013

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

#### SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/17/2012 Date Data Arrived at EDR: 08/20/2012 Date Made Active in Reports: 10/03/2012

Number of Days to Update: 44

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 04/29/2013

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

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012 Date Data Arrived at EDR: 11/06/2012 Date Made Active in Reports: 11/30/2012

Number of Days to Update: 24

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 04/26/2013

Next Scheduled EDR Contact: 08/12/2013

Data Release Frequency: Varies

#### **Environmental Case Listing**

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

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

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 03/12/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: No Update Planned

#### SAN FRANCISCO COUNTY:

#### Local Oversite Facilities

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

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 05/10/2013

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

#### **Underground Storage Tank Information**

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010 Date Data Arrived at EDR: 03/10/2011 Date Made Active in Reports: 03/15/2011

Number of Days to Update: 5

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 05/10/2013

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

#### SAN JOAQUIN COUNTY:

#### San Joaquin Co. UST

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

Date of Government Version: 03/25/2013 Date Data Arrived at EDR: 03/25/2013 Date Made Active in Reports: 04/18/2013

Number of Days to Update: 24

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 03/25/2013

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

#### SAN LUIS OBISPO COUNTY:

## **CUPA Facility List**

Cupa Facility List.

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

Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

#### SAN MATEO COUNTY:

## **Business Inventory**

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

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

Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/18/2013

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

#### Fuel Leak List

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

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

Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 03/18/2013

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

#### SANTA BARBARA COUNTY:

#### **CUPA Facility Listing**

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 06/10/2013 Data Release Frequency: Varies

#### SANTA CLARA COUNTY:

## Cupa Facility List

Cupa facility list

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/05/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 20

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 06/03/2013

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

#### HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005 Date Data Arrived at EDR: 03/30/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

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

#### LOP Listing

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

Date of Government Version: 03/04/2013 Date Data Arrived at EDR: 03/06/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 19

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 06/03/2013

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

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/12/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 34

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 05/13/2013

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

## SANTA CRUZ COUNTY:

**CUPA Facility List** 

CUPA facility listing.

Date of Government Version: 02/26/2013 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 22

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

#### SHASTA COUNTY:

**CUPA Facility List** 

Cupa Facility List.

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

Number of Days to Update: 12

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 05/28/2013

Next Scheduled EDR Contact: 09/09/2013

Data Release Frequency: Varies

#### SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 03/20/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 47

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/18/2013

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

#### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 03/20/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 46

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 03/18/2013

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

## SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 04/01/2013 Date Data Arrived at EDR: 04/03/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 41

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 04/01/2013

Next Scheduled EDR Contact: 07/15/2013

Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/02/2013 Date Data Arrived at EDR: 04/03/2013 Date Made Active in Reports: 05/14/2013

Number of Days to Update: 41

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 04/01/2013

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

#### SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

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

Number of Days to Update: 13

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 03/11/2013

Next Scheduled EDR Contact: 06/24/2013 Data Release Frequency: Semi-Annually

#### TUOLUMNE COUNTY:

**CUPA Facility List** 

Cupa facility list

Date of Government Version: 01/14/2013 Date Data Arrived at EDR: 01/16/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 42

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 05/15/2013

Next Scheduled EDR Contact: 07/29/2013

Data Release Frequency: Varies

#### **VENTURA COUNTY:**

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 05/25/2012 Date Made Active in Reports: 07/06/2012

Number of Days to Update: 42

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/20/2013

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

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/08/2013

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

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 02/18/2013

Next Scheduled EDR Contact: 06/03/2013 Data Release Frequency: Quarterly

#### Medical Waste Program List

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

Date of Government Version: 01/28/2013 Date Data Arrived at EDR: 02/01/2013 Date Made Active in Reports: 03/20/2013

Number of Days to Update: 47

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 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: 03/01/2013 Date Data Arrived at EDR: 03/28/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 46

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 03/18/2013

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

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/25/2013 Date Data Arrived at EDR: 03/29/2013 Date Made Active in Reports: 05/13/2013

Number of Days to Update: 45

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 03/25/2013

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

#### YUBA COUNTY:

#### **CUPA Facility List**

CUPA facility listing for Yuba County.

Date of Government Version: 03/05/2013 Date Data Arrived at EDR: 03/06/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 19

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 05/20/2013

Next Scheduled EDR Contact: 08/19/2013

Data Release Frequency: Varies

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/18/2013 Date Data Arrived at EDR: 02/18/2013 Date Made Active in Reports: 03/21/2013

Number of Days to Update: 31

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/21/2013

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

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/19/2013

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

NY MANIFEST: Facility and Manifest Data

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

facility.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 02/07/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 36

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/09/2013

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

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 57

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/23/2013

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

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Number of Days to Update: 39

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/28/2013

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

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/19/2012 Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/18/2013

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

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### STREET AND ADDRESS INFORMATION

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# **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

DUBLIN DUBLIN

**DUBLIN, CA 94568** 

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 37.7031 - 37° 42' 11.16" Longitude (West): 121.891 - 121° 53' 27.60"

Universal Tranverse Mercator: Zone 10 UTM X (Meters): 597762.4 UTM Y (Meters): 4173248.0

Elevation: 342 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 37121-F8 DUBLIN, CA

Most Recent Revision: 1980

East Map: 37121-F7 LIVERMORE, CA

Most Recent Revision: 1980

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).

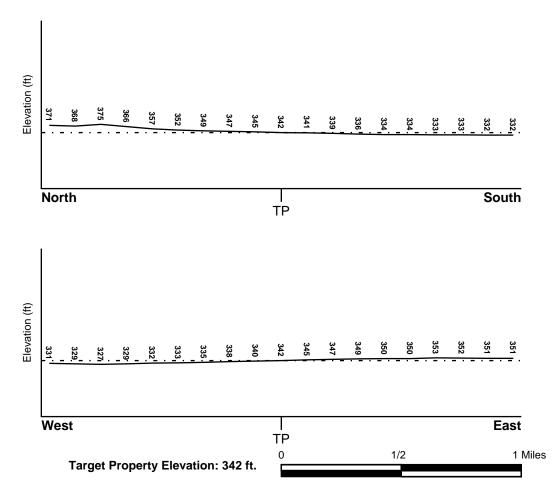
#### **TOPOGRAPHIC INFORMATION**

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 SW

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### 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 ALAMEDA, CA

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

06001C - FEMA DFIRM Flood data

Additional Panels in search area:

NATIONAL WETLAND INVENTORY

Not Reported

**NWI Quad at Target Property** 

**NWI Electronic** Data Coverage

**DUBLIN** 

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
B13	1/2 - 1 Mile West	Varies
B14	1/2 - 1 Mile West	SW
B15	1/2 - 1 Mile West	Not Reported
18	1/2 - 1 Mile West	SW
19	1/2 - 1 Mile ESE	Not Reported
D22	1/2 - 1 Mile WSW	NE
D23	1/2 - 1 Mile WSW	NW
D24	1/2 - 1 Mile WSW	Varies
D25	1/2 - 1 Mile West	SW

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
D26	1/2 - 1 Mile West	S
E28	1/2 - 1 Mile West	Varies
E29	1/2 - 1 Mile West	W
E30	1/2 - 1 Mile West	Varies
32	1/2 - 1 Mile SSW	ENE

For additional site information, refer to Physical Setting Source Map Findings.

## **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**

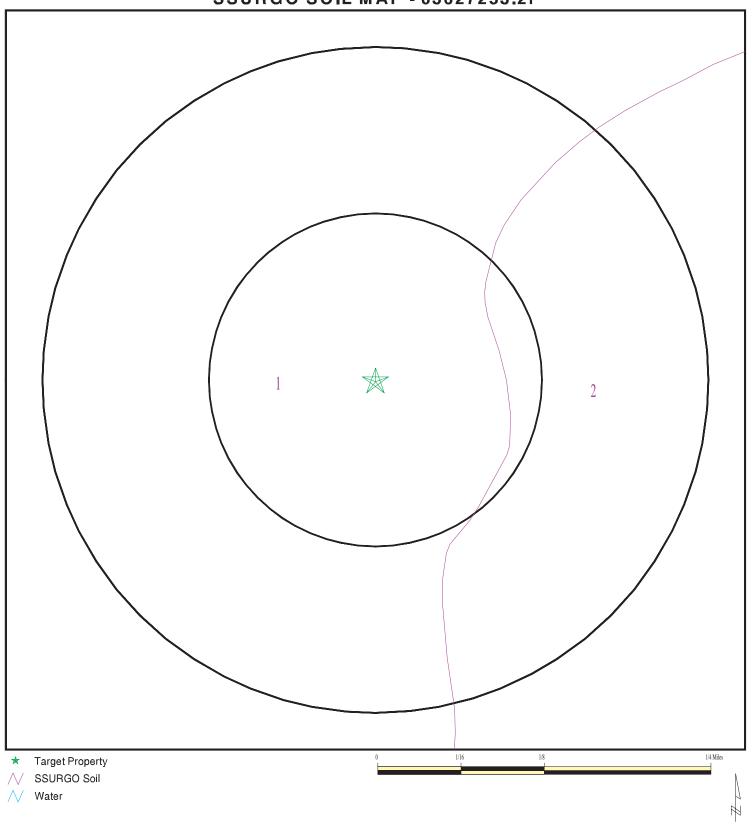
Era: Cenozoic Category: Continental Deposits

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).

# **SSURGO SOIL MAP - 03627253.2r**



SITE NAME: Dublin ADDRESS: Dublin

Dublin CA 94568 LAT/LONG: 37.7031 / 121.891 CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 03627253.2r
DATE: June 05, 2013 2:09 pm

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Clear Lake

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
	Вои	ındary		Classi	Classification			
Layer	Upper Lower		Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Oon Nouvelon	
1	0 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9	
2	35 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9	

# Soil Map ID: 2

Soil Component Name: Sunnyvale

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

	Soil Layer Information									
	Bou	ındary		Classi	fication	Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)			
1	0 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9			
2	18 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9			
3	42 inches	66 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9			

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

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

## WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

# FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000185034	0 - 1/8 Mile SSW
2	USGS40000185038	0 - 1/8 Mile WSW
3	USGS40000185030	1/8 - 1/4 Mile ESE
5	USGS40000185005	1/4 - 1/2 Mile SSW
9	USGS40000185101	1/2 - 1 Mile North
10	USGS40000185049	1/2 - 1 Mile West
11	USGS40000185020	1/2 - 1 Mile WSW
12	USGS40000185026	1/2 - 1 Mile ESE
16	USGS40000185018	1/2 - 1 Mile ESE
C17	USGS40000184933	1/2 - 1 Mile SSE
21	USGS40000184937	1/2 - 1 Mile SSW
27	USGS40000184971	1/2 - 1 Mile SE
G34	USGS40000185039	1/2 - 1 Mile West
F36	USGS40000184947	1/2 - 1 Mile SW

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

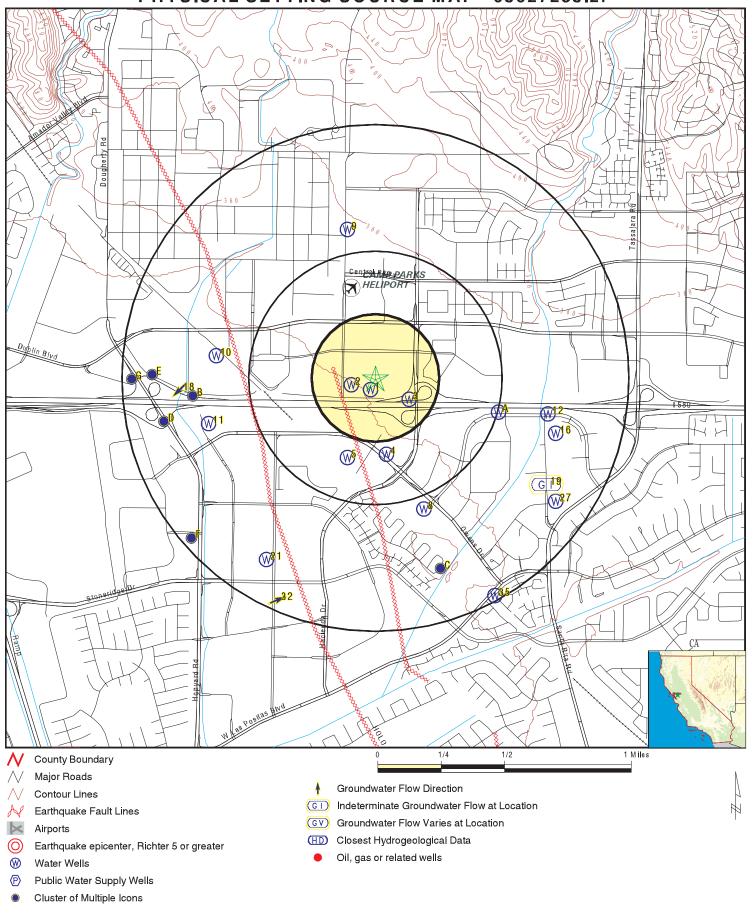
MAP ID	WELL ID	FROM TP
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	CADW50000030137	1/4 - 1/2 Mile South
A6 A7	CADW5000030154 CADW5000030155	1/2 - 1 Mile ESE 1/2 - 1 Mile ESE
8	CADW5000030103	1/2 - 1 Mile SSE
C20 F31	CADW5000030073 CADW5000030091	1/2 - 1 Mile SSE 1/2 - 1 Mile SW
G33	CADW50000030163	1/2 - 1 Mile West
35	CADW5000030065	1/2 - 1 Mile SSE

# PHYSICAL SETTING SOURCE MAP - 03627253.2r



SITE NAME: Dublin
ADDRESS: Dublin
Dublin CA 94568
LAT/LONG: 37.7031 / 121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY #: 03627253.2r
DATE: June 05, 2013 2:09 pm

Map ID Direction Distance

Elevation Database EDR ID Number

1 SSW FED USGS USGS40000185034 0 - 1/8 Mile

Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374209121532501 Monloc name: 003S001E05F002M

Monloc type: Well

Monloc desc: Not Reported

Huc code: 18050004 Drainagearea value: Not Reported Not Reported Contrib drainagearea: Not Reported Drainagearea Units: Contrib drainagearea units: Not Reported 37.7024298 Latitude: Longitude: -121.891346 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 341.60 Vert measure units: feet Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19780601 Welldepth: 150 Welldepth units: ft Wellholedepth: 150

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 39

	Feet below	Feet to		Feet below	F
Date	Surface	Sealevel	Date	Surface	
1981-12-21	 15.8		1981-11-20	16.3	
1981-10-27	16.3		1981-10-01	16.2	
1981-08-14	16.0		1981-06-29	14.9	
1981-03-16	14.9		1980-11-05	16.1	
1980-10-27	16.0		1980-10-01	15.7	
1980-08-26	15.3		1980-08-08	15.0	
1980-07-29	15.0		1980-06-26	15.1	
1980-06-11	15.2		1980-05-30	15.2	
1980-05-05	15.4		1980-03-26	15.7	
1980-02-26	17.0		1980-01-22	18.3	
1980-01-10	18.8		1980-01-07	19.0	
1979-12-24	19.2		1979-12-10	19.3	
1979-11-26	19.2		1979-11-19	19.1	
1979-11-13	19.2		1979-10-29	19.2	
1979-10-15	19.2		1979-10-01	19.0	
1979-09-17	18.9		1979-09-04	18.8	
1979-08-17	18.7		1979-08-06	18.6	
1979-07-26	18.5		1979-07-16	18.3	
1979-07-02	18.2		1979-06-12	18.1	
1979-06-04	18.1				

Map ID Direction Distance

Elevation Database EDR ID Number

2 WSW 0 - 1/8 Mile

FED USGS USGS40000185038

Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374210121533001 Monloc name: 003S001E06G005M

Monloc type: Well

Monloc desc: Not Reported

18050004 Drainagearea value: Not Reported Huc code: Contrib drainagearea: Not Reported Drainagearea Units: Not Reported 37.7027076 Contrib drainagearea units: Not Reported Latitude: Longitude: -121.892735 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 330.00 Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19690630 Welldepth: 200 Welldepth units: ft Wellholedepth: 200

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 7

Feet below Feet to Feet below Feet to Sealevel Surface Surface Date Sealevel Date 1981-11-20 24.1 1981-10-27 25.1 1981-10-01 27.7 1979-03-23 59.4 1977-09-13 67.2 1977-08-31 67.7 1969-06-30 85.00

SESE 1/8 - 1/4 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374207121531501 Monloc name: 003S001E05F001M

Monloc type: Well

Monloc desc: Not Reported

Huc code:18050004Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:37.7018743Longitude:-121.8885682Sourcemap scale:24000

**FED USGS** 

USGS40000185030

Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 340.00 Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19760623 Welldepth: 35 Welldepth units: ft Wellholedepth: 35

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 12

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-06-04	10.3	<del></del>	1979-01-22	7.7	
1978-10-13	11.8		1978-07-21	10.3	
1978-05-05	8.5		1978-02-28	7.0	
1977-10-27	15.4		1977-09-26	15.3	
1977-04-25	14.3		1977-01-14	13.3	
1976-12-02	14.2		1976-10-08	12.8	

4 South CA WELLS CADW5000030137 1/4 - 1/2 Mile

Lower

Latitude : 37.69873 Longitude : 121.890202

 Site code:
 376987N1218902W001
 Casgem sta:
 03S01E05L003M

 Local well:
 3S/1E 5L 3
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030137

5 SSW FED USGS USGS40000185005

1/4 - 1/2 Mile

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374155121533101 Monloc name: 003S001E05M001M

Monloc type: Well

Monloc desc: Not Reported

Huc code:18050004Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:37.6985411Longitude:-121.8930128Sourcemap scale:24000

Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 334.80 Vert measure units: feet Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: Not Reported Welldepth: 93

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 45

	Feet below	Feet to		_	Feet below	Feet to
Date	Surface	Sealevel		Date	Surface	Sealevel
1979-10-31	18.15			1979-06-28	17.65	
1979-05-15	17.45			1979-04-02	15.75	
1978-10-13	21.55			1978-09-14	15.95	
1978-07-26	16.25			1978-05-17	14.55	
1978-04-11	13.35			1978-03-17	13.35	
1977-12-01	18.75			1977-10-12	18.65	
1977-09-23	18.8			1977-08-04	24.0	
1977-03-17	18.0			1976-09-27	17.2	
1976-03-08	16.8			1975-09-22	17.0	
1974-09-17	15.2			1974-03-15	12.1	
1973-10-02	4.4			1973-03-15	11.3	
1972-10-03	19.2			1972-03-13	8.0	
1971-09-13	7.0			1971-04-19	7.0	
1970-10-30	7.5			1970-04-10	8.7	
1969-10-06	12.8			1969-04-25	3.4	
1968-09-26	6.0			1968-03-28	6.5	
1967-10-26	9.2			1967-09-25	7.0	
1966-09-26	17.35			1966-03-22	14.85	
1965-10-08	18.05			1965-03-26	14.45	
1964-09-30	16.75			1964-03-24	17.25	
1963-09-20	16.55			1963-03-25	16.05	
1962-09-06	31.75			1961-09-28	22.55	
1961-03-16	18.05					

Higher

Latitude : 37.701141 Longitude : 121.88216

 Site code:
 377011N1218822W001
 Casgem sta:
 03S01E05K006M

 Local well:
 3S/1E 5K 6
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030154

Map ID Direction Distance

Elevation Database EDR ID Number

1/2 - 1 Mile Higher

> Latitude : 37.701141 Longitude : 121.882098

 Site code:
 377011N1218821W001
 Casgem sta:
 03S01E05K007M

 Local well:
 3S/1E 5K 7
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030155

8 SSE CA WELLS CADW5000030103

1/2 - 1 Mile Lower

> Latitude : 37.695598 Longitude : 121.887509

 Site code:
 376956N1218875W001
 Casgem sta:
 03S01E05P006M

 Local well:
 3S/1E 5P 6
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030103

North 1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374242121533101 Monloc name: 002S001E32N001M

Monloc type: Well

Monloc desc: Not Reported

18050004 Not Reported Huc code: Drainagearea value: Not Reported Contrib drainagearea: Not Reported Drainagearea Units: Contrib drainagearea units: Not Reported Latitude: 37.7115961 Longitude: -121.8930127 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 356.50 Vert measure units: feet Vertacc measure val: 0.1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Not Reported

**FED USGS** 

USGS40000185101

Aquifer type: Not Reported

Wellholedepth units:

Construction date: 19760623 Welldepth: 45
Welldepth units: ft Wellholedepth: 45

Ground-water levels, Number of Measurements: 34

ft

Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
1980-01-08	25.6			1979-10-15	26.7	
1979-07-02	26.4			1979-06-12	26.3	
1979-05-30	26.4			1979-05-29	26.3	
1979-05-14	26.3			1979-04-30	26.4	
1979-04-26	26.3			1979-04-09	26.6	
1979-04-02	25.6			1979-03-27	26.7	
1979-03-22	26.7			1979-03-19	26.7	
1979-03-08	26.8			1979-01-22	27.5	
1979-01-18	27.6			1978-10-11	27.3	
1978-07-21	26.9			1978-05-05	26.9	
1978-02-27	28.0			1977-10-27	29.7	
1977-09-14	29.5			1977-04-25	28.8	
1977-03-28	28.7			1977-02-15	28.4	
1977-01-18	28.3			1977-01-14	28.3	
1976-12-27	28.2			1976-12-02	28.1	
1976-11-19	28.0			1976-10-25	27.8	
1976-10-07	27.8			1976-07-12	27.2	

10
West FED USGS USGS40000185049
1/2 - 1 Mile

1/2 - 1 M Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374216121540501 Monloc name: 003S001E06G006M

Monloc type: Well

Monloc desc: Not Reported

18050004 Huc code: Drainagearea value: Not Reported Not Reported Drainagearea Units: Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 37.7043742 Longitude: -121.9024575 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 330.00 Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19710408 Welldepth: 305 Welldepth units: ft Wellholedepth: 305

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 11

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-02-04 1979-06-28 1979-01-05 1978-07-21 1978-02-27	54.2 65.0 64.7 54.4		1979-10-31 1979-03-23 1978-10-11 1978-05-05 1977-12-01	58.8 81.3 62.7 60.1 70.0	
1977-10-04	95.7				

11 WSW FED USGS USGS40000185020 1/2 - 1 Mile

Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374202121540701 Monloc name: 003S001E06G004M

Monloc type: Well

Monloc desc: Not Reported

Huc code: 18050004 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 37.7004855 Longitude: -121.903013 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 330.00 Vert measure units: feet Vertacc measure val: 20

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium Aquifer type: Not Reported

Construction date: Not Reported Welldepth: 192
Welldepth units: ft Wellholedepth: 192

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

12 ESE FED USGS USGS40000185026

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374204121523901 Monloc name: 003S001E05J002M

Monloc type: Well

Monloc desc: Not Reported

Huc code:18050004Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:37.7010409Longitude:-121.8785679Sourcemap scale:24000

Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

NAD83 Horiz coord refsys: Vert measure val: 345.00 Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Alluvium Not Reported Aquifer type:

Construction date: Not Reported Welldepth: 100

Welldepth units: Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 57

Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
	Surface	Sealevel		Date	Surface	
1981-01-12 1980-12-29	23.5 23.3			1981-01-05 1980-12-22	23.4 23.5	
1980-12-16 1980-12-02 1980-11-18 1980-11-03	23.1 23.1 29.3 22.7			1980-12-09 1980-11-25 1980-11-10 1980-10-08	23.4 28.0 23.5 23.2	
1980-10-01 1980-04-21 1979-11-05 1979-05-15	25.2 14.7 25.6 19.7			1980-06-09 1980-02-01 1979-08-17 1979-04-02	15.9 19.7 24.4 17.4	
1979-02-02 1978-11-17 1978-06-16 1961-05-02	24.9 26.7 22.0 30.9			1979-01-05 1978-07-28 1977-10-06	27.4 24.1 29.0	

B13 West 1/2 - 1 Mile Lower

Site ID: 01-1309 Groundwater Flow: Varies Not Reported Shallow Water Depth: Deep Water Depth: Not Reported

Date: 07/20/1993

Average Water Depth: 3.8 **AQUIFLOW** 

51648

Map ID Direction Distance

Elevation Database EDR ID Number

B14 West 1/2 - 1 Mile Lower Site ID: 01-1565
Groundwater Flow: SW
Shallow Water Depth: Not Reported

Deep Water Depth:

Date:

Average Water Depth:

Not Reported 10-25 06/25/1992

B15 West 1/2 - 1 Mile Lower Site ID: 01-1250
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported

Average Water Depth: 9 ft.

Date: 07/26/1988

16 ESE 1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374200121523701 Monloc name: 003S001E05J005M

Monloc type: Well

Monloc desc: Not Reported Huc code: 18050004

Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported 37.6999299 Contrib drainagearea units: Not Reported Latitude: Not Reported Longitude: -121.8780123 Sourcemap scale: Horiz Acc measure: Unknown Horiz Acc measure units: Unknown

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: Not Reported Vert measure units: Not Reported Vertacc measure val: Not Reported

Vert accmeasure units: Not Reported Vertcollection method: Not Reported

Vert coord refsys: Not Reported Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Not Reported Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

C17

Higher

C17
SSE
FED USGS USGS40000184933
1/2 - 1 Mile

TC03627253.2r Page A-19

**AQUIFLOW** 

**AQUIFLOW** 

**FED USGS** 

51646

51643

USGS40000185018

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374133121530901 Monloc name: 003S001E08B001M

Monloc type: Well

Not Reported Monloc desc: Huc code: 18050004 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 37.6924302 Longitude: -121.8869015 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 339.20 Vert measure units: Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19790511 Welldepth: 148 Welldepth units: ft Wellholedepth: 150

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 82

	Feet below	Feet to		Feet below	Feet to
Date	Surface		Date	Surface	Sealevel
1981-12-28			1981-11-20	49.4	
1981-10-26	49.9		1981-10-01	50.3	
1981-09-28	50.3		1981-09-14	50.1	
1981-08-17	49.4		1981-07-20	48.9	
1981-07-17	49.4		1981-06-30	48.2	
1981-06-08	47.7		1981-05-26	47.1	
1981-05-19	46.9		1981-05-12	46.7	
1981-05-05	46.4		1981-04-28	46.1	
1981-04-21	46.0		1981-04-14	46.0	
1981-04-07	45.9		1981-03-31	46.1	
1981-03-24	46.3		1981-03-17	46.5	
1981-03-10	46.5		1981-03-03	46.6	
1981-02-25	46.7		1981-02-17	46.9	
1981-02-10	47.1		1981-02-03	47.1	
1981-01-27	47.2		1981-01-19	47.6	
1981-01-12	47.7		1981-01-05	47.7	
1980-12-29	48.1		1980-12-22	48.2	
1980-12-16	48.0		1980-12-09	48.5	
1980-12-02	48.6		1980-11-25	48.8	
1980-11-18	48.9		1980-11-13	48.8	
1980-11-10	48.9		1980-11-04	48.9	
1980-10-20	48.9		1980-10-06	49.1	
1980-09-22	49.0		1980-09-09	49.0	
1980-08-25	49.0		1980-08-13	48.7	
1980-08-12	48.7		1980-07-28	48.3	
1980-07-16	48.4		1980-07-01	48.3	
1980-06-23	48.3		1980-06-09	48.1	
1980-05-26	48.0		1980-05-12	48.3	
1980-04-27	48.2		1980-04-14	48.8	
1980-03-31	49.3		1980-03-17	50.0	
1980-03-03	51.0		1980-02-18	51.5	

Ground-wate	er levels, conti Feet below Surface			Date	Feet below Surface	Feet to Sealevel	
1980-02-04	 52.1			1980-01-30	52.4		
1980-01-21	52.8			1980-01-07	53.2		
1979-12-24	53.7			1979-12-10	54.6		
1979-11-26	54.7			1979-11-13	55.3		
1979-10-31	56.0			1979-10-15	56.3		
1979-10-03	55.4			1979-10-01	55.3		
1979-09-17	55.2			1979-09-04	55.0		
1979-08-20	54.9			1979-08-06	54.4		
1979-07-16	54.0			1979-06-26	53.6		
1979-06-12	53.6			1979-05-31	54.0		
18 West 1/2 - 1 Mile Lower	Site ID: Groundwate Shallow Wat Deep Water Average Wa Date:	ter Depth: Depth:	01-0900 SW Not Reported Not Reported 7.5 06/15/1989			AQUIFLOW	51641
19 ESE 1/2 - 1 Mile Higher	Site ID: Groundwate Shallow Wat Deep Water Average Wa Date:	ter Depth: Depth:	Not Reported Not Reported Not Reported Not Reported 29.7 09/18/1990			AQUIFLOW	53493
C20 SSE 1/2 - 1 Mile Lower						CA WELLS	CADW50000030

Latitude: 37.691974 Longitude: 121.885713

Site code: 376920N1218857W001 03S01E08B001M Casgem sta: Local well: 3S/1E 8B 1 Casgem s 1: Observation County id: 1 Basin cd: 2-10 Basin desc: Livermore Valley

CADW50000030073 Org unit n: North Central Region Office Site id:

SSW 1/2 - 1 Mile **FED USGS** USGS40000184937

Lower

Org. Identifier: **USGS-CA** 

USGS California Water Science Center Formal name:

USGS-374134121535201 Monloc Identifier: Monloc name: 003S001E06R002M

Monloc type: Well

Monloc desc: Not Reported

Huc code: 18050004 Not Reported Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Contrib drainagearea units: Not Reported Latitude: 37.692708 -121.8988463 Longitude: Sourcemap scale: 24000

Horiz Acc measure: Horiz Acc measure units: seconds Horiz Collection method: Interpolated from map Horiz coord refsys: NAD83 Vert measure val: 325.10 Vert measure units: feet Vertacc measure val: .1 Vert accmeasure units: feet Vertcollection method: Level or other surveying method Vert coord refsys: NGVD29 Countrycode: US Aquifername: California Coastal Basin aquifers Quaternary Alluvium Formation type: Not Reported Aquifer type: Construction date: 19771016 Welldepth: 74 Welldepth units: Wellholedepth: 75 ft Wellholedepth units: Ground-water levels, Number of Measurements: 23 Feet below Feet to Feet below Feet to Date Surface Sealevel Date Surface Sealevel 1981-09-15 12.2 1981-10-01 12.2 1981-07-21 11.9 1981-04-28 11.6 1981-01-12 12.3 1980-10-03 12.3 1980-10-02 12.2 1980-07-30 11.8 1980-04-30 11.6 1980-02-04 13.4 1979-10-15 13.9 1979-07-02 13.2 1979-06-08 13.1 1979-03-23 13.2 1979-01-10 13.8 1978-10-17 13.0 1978-07-21 11.8 1978-06-13 11.6 1978-05-09 11.4 1978-01-11 16.4 1977-12-16 16.6 1977-12-15 16.6 1977-10-20 16.2 D22 WSW Site ID: Not Reported **AQUIFLOW** 53531 Groundwater Flow: ΝE 1/2 - 1 Mile Shallow Water Depth: 42 Lower Deep Water Depth: 45 Average Water Depth: Not Reported Date: 10/27/1989 **D23** Site ID: Not Reported **WSW AQUIFLOW** 53453 Groundwater Flow: NW 1/2 - 1 Mile 7.00 Shallow Water Depth: Lower Deep Water Depth: 11.54 Average Water Depth: Not Reported Date: 08/13/1997 Not Reported Site ID: **D24 WSW AQUIFLOW** 53455 Groundwater Flow: Varies 1/2 - 1 Mile Shallow Water Depth: 7.00 Lower Deep Water Depth: 11.54 Average Water Depth: Not Reported 06/25/1998 Date: D25 Site ID: Not Reported West **AQUIFLOW** 53451 SW Groundwater Flow: 1/2 - 1 Mile Shallow Water Depth: 8.14 Lower Deep Water Depth: 10.05 Average Water Depth: Not Reported

07/1990

Date:

Map ID Direction Distance

Elevation Database EDR ID Number

D26 West 1/2 - 1 Mile Site ID: Not Reported Groundwater Flow: S

Shallow Water Depth: 8 Lower Deep Water Depth: 10

Average Water Depth: Not Reported

05/15/1996 Date:

1/2 - 1 Mile

Higher

Org. Identifier: **USGS-CA** 

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374146121523701 003S001E05R002M Monloc name:

Well Monloc type:

Monloc desc: Not Reported

Huc code: 18050004 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 37.6960411 Longitude: -121.8780123 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Interpolated from map Horiz Collection method:

Horiz coord refsys: NAD83 Vert measure val: 345.00 Vert measure units: feet Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

US NGVD29 Countrycode: Vert coord refsys:

California Coastal Basin aquifers Aquifername:

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

19550316 Welldepth: 230 Construction date: Wellholedepth: Welldepth units: ft 230

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 49

Data	Feet below	Feet to	Data	Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealevel
1981-12-01	50.7		1981-10-22	49.5	
1981-03-26	45.0		1980-12-03	97.5	
1980-10-01	58.1		1980-06-13	61.0	
1980-04-21	46.6		1980-02-01	49.0	
1979-11-05	49.2		1979-09-18	57.0	
1979-05-15	51.7		1979-04-02	51.7	
1979-01-05	58.7		1978-10-13	70.4	
1978-09-14	87.4		1978-07-21	68.5	
1978-03-17	66.9		1978-03-06	66.8	
1977-12-02	77.2		1977-09-23	78.0	
1977-04-28	73.2		1977-03-17	67.5	
1977-02-22	65.4		1977-01-18	67.2	
1976-12-21	68.6		1976-11-24	69.9	
1976-10-20	70.4		1976-09-23	72.2	
1976-08-26	83.0		1976-07-22	89.8	

**AQUIFLOW** 

**FED USGS** 

53449

USGS40000184971

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Ground-wate	er levels, continued.						
Date	Feet below Feet Surface Seal	evel		Date	Feet belo Surface	Sealevel	
1976-06-17 1976-04-21	63.7			1976-05-27 1976-03-08	73.7 58.7		
1976-02-24 1975-09-22 1974-09-17	86.3			1976-01-29 1975-03-27 1974-03-15	7 59.0		
1973-10-02 1972-10-03	91.1 106.5			1973-03-19 1972-03-13	71.3 75.8		
1971-09-13 1970-10-05 1969-10-28	80.0			1971-03-25 1970-04-03			
E28 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow Shallow Water Dep Deep Water Depth Average Water De Date:	oth: :	01-1309 Varies Not Reported Not Reported 3.8 07/22/1994			AQUIFLOW	51647
E29 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow Shallow Water Dep Deep Water Depth Average Water De Date:	oth: :	01-1309 W Not Reported Not Reported 8.5 08/11/1988			AQUIFLOW	51649
E30 West 1/2 - 1 Mile Lower	Site ID: Groundwater Flow Shallow Water Dep Deep Water Depth Average Water De Date:	oth: :	01-1565 Varies 3.5 10.5 Not Reported 11/30/1993			AQUIFLOW	51645
F31 SW 1/2 - 1 Mile Lower						CA WELLS	CADW50000030091
Latitude : Longitude : Site code: Local well: County id:	37.69435 121.903818 376944N1219038W001 3S/1E 7B 2		Casgem sta: Casgem s 1:		03S01E07B002M Observation		
Basin cd: Org unit n:	1 2-10 Nort	h Central Re	gion Office	Basin desc: Site id:		Livermore Valley CADW50000030091	
32 SSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow Shallow Water Dep Deep Water Depth Average Water De Date:	oth: :	Not Reported ENE 8.75 10.39 Not Reported 08/1992			AQUIFLOW	53491

#### **GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS**

Map ID Direction Distance

Elevation Database EDR ID Number

G33
West CA WELLS CADW50000030163
1/2 - 1 Mile

Lower

Latitude : 37.703098 Longitude : 121.908522

 Site code:
 377031N1219085W001
 Casgem sta:
 03S01E06F003M

 Local well:
 3S/1E 6F 3
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030163

G34
West FED USGS USGS40000185039

West 1/2 - 1 Mile Lower

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374211121542701 Monloc name: 003S001E06F003M

Monloc type: Well

Monloc desc: Not Reported Huc code: 18050004

Not Reported Drainagearea value: Drainagearea Units: Not Reported Contrib drainagearea: Not Reported 37.7029854 Contrib drainagearea units: Not Reported Latitude: Longitude: -121.9085688 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Haris Oallastias assittad a laterralate

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 327.80 Vert measure units: feet Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19760517 Welldepth: 37
Welldepth units: ft Wellholedepth: 37
Wellholedepth units: ft

Ground-water levels, Number of Measurements: 32 Feet below Feet to Feet below Feet to Date Date Surface Sealevel Surface Sealevel 1981-11-18 6.6 1981-07-27 8.3 1981-05-12 7.2 1981-01-12 9.0 1980-10-03 9.1 1980-10-01 9.2 1980-07-16 8.6 1980-06-10 8.3 1980-05-15 7.5 1980-04-21 6.9 1980-01-08 10.7 1979-10-15 13.0 1979-07-02 11.4 1979-05-30 10.6 1979-03-23 9.2 1979-01-22 10.3 1978-10-11 1978-07-18 11.5 13.4 1978-05-05 8.0 1978-02-27 7.7

#### **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Ground-water levels, continued.  Feet below Feet to Feet below Feet to						
Date	Surface	Sealevel	Date	Surface	Sealevel	
1977-10-27	17.4		1977-09-13	16.5		
1977-08-30	16.7		1977-04-21	14.4		
1977-03-28	13.4		1977-02-15	14.3		
1977-01-18	13.45		1977-01-14	13.3		
1976-12-27	15.0		1976-11-18	14.3		
1976-10-25	14.8		1976-09-29	14.1		

SSE CA WELLS CADW5000030065

1/2 - 1 Mile Higher

> Latitude : 37.690643 Longitude : 121.882394

 Site code:
 376906N1218824W001
 Casgem sta:
 03S01E08G004M

 Local well:
 3S/1E 8G 4
 Casgem s 1:
 Observation

County id: 1

Basin cd:2-10Basin desc:Livermore ValleyOrg unit n:North Central Region OfficeSite id:CADW50000030065

SW 1/2 - 1 Mile Lower

NGL ...

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-374137121541301 Monloc name: 003S001E07B002M

Monloc type: Well

Monloc desc: Not Reported Huc code: 18050004

Drainagearea value: Not Reported Contrib drainagearea: Drainagearea Units: Not Reported Not Reported 37.6935413 Contrib drainagearea units: Not Reported Latitude: -121.9046798 Longitude: Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 326.70 Vert measure units: feet Vertacc measure val: .1

Vert accmeasure units: feet

Vertcollection method: Level or other surveying method

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: California Coastal Basin aquifers

Formation type: Quaternary Alluvium

Aquifer type: Not Reported

Construction date: 19790515 Welldepth: 150 Welldepth units: ft Wellholedepth: 151

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 56

1981-12-23 12.9 1981-11-20 13.4

**FED USGS** 

USGS40000184947

# **GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS**

Ground-water levels, continued.						
Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
1981-10-27				1981-10-01	13.2	
1981-09-28	13.5			1981-09-21	13.4	
1981-08-26	13.3			1981-07-27	13.3	
1981-06-22	13.0			1981-05-20	12.7	
1981-04-23	12.7			1981-03-26	12.9	
1981-03-23	12.9			1981-02-26	13.2	
1981-01-28	13.6			1980-12-30	14.1	
1980-12-03	14.3			1980-11-13	14.2	
1980-10-20	14.3			1980-10-06	14.3	
1980-09-23	14.2			1980-09-09	14.2	
1980-08-28	14.1			1980-08-12	14.0	
1980-07-29	14.1			1980-07-14	14.1	
1980-06-23	14.2			1980-06-09	14.3	
1980-05-26	14.2			1980-05-12	14.2	
1980-04-27	14.3			1980-04-14	14.5	
1980-03-31	14.7			1980-03-17	15.1	
1980-03-03	15.9			1980-02-18	16.9	
1980-02-04	17.5			1980-01-30	18.3	
1980-01-21	18.5			1980-01-07	19.1	
1979-12-24	19.4			1979-12-10	19.5	
1979-11-26	19.6			1979-11-13	19.6	
1979-10-18	19.8			1979-10-15	19.7	
1979-10-01	19.7			1979-09-17	19.6	
1979-09-04	19.4			1979-08-20	19.3	
1979-08-06	19.2			1979-07-16	19.0	
1979-07-02	18.8			1979-06-11	18.8	
1979-05-31	18.7			1979-05-17	18.3	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94568	15	0

Federal EPA Radon Zone for ALAMEDA 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: 94568

Number of sites tested: 1

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 0.300 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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





## **Dublin**

Dublin Dublin, CA 94568

Inquiry Number: 3627253.3

June 05, 2013

# **Certified Sanborn® Map Report**



## **Certified Sanborn® Map Report**

6/05/13

Site Name: Client Name: Dublin Engeo Inc.

Dublin 2010 Crow Canyon Place Dublin, CA 94568 San Ramon, CA 94583

EDR Inquiry # 3627253.3 Contact: Divya Bhargava



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: Dublin Address: Dublin

City, State, Zip: Dublin, CA 94568

**Cross Street:** 

**P.O.** # 10267.000.000

**Project:** The Green? General Plan Amend

**Certification #** 5654-4464-A366



Sanborn® Library search results Certification # 5654-4464-A366

#### 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** 





**Dublin** 

Dublin Dublin, CA 94568

Inquiry Number: 3627253.4

June 05, 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.

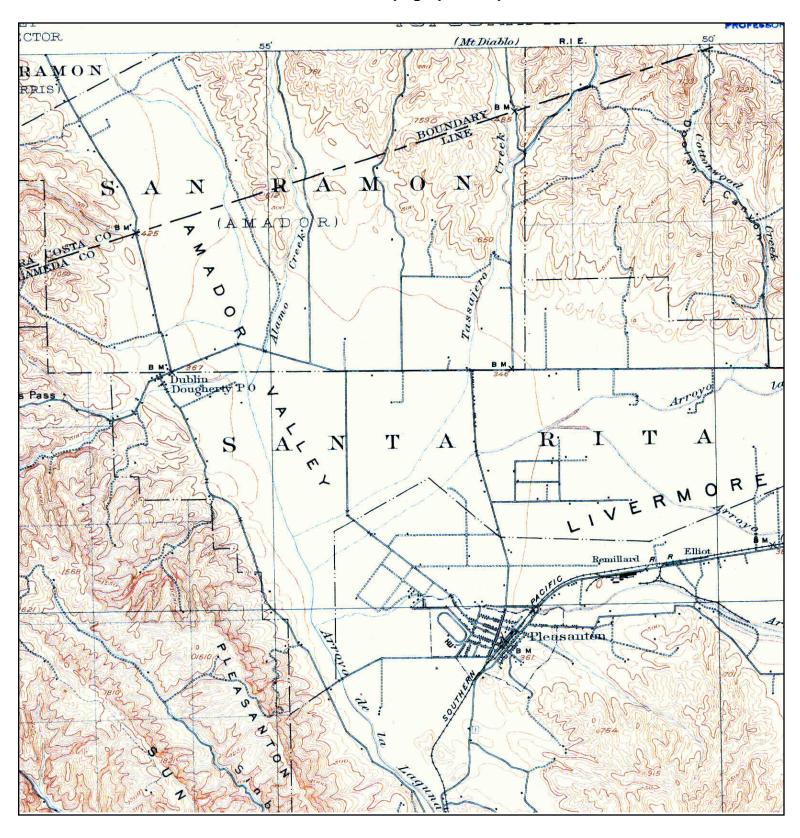
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TARGET QUAD

NAME: PLEASANTON

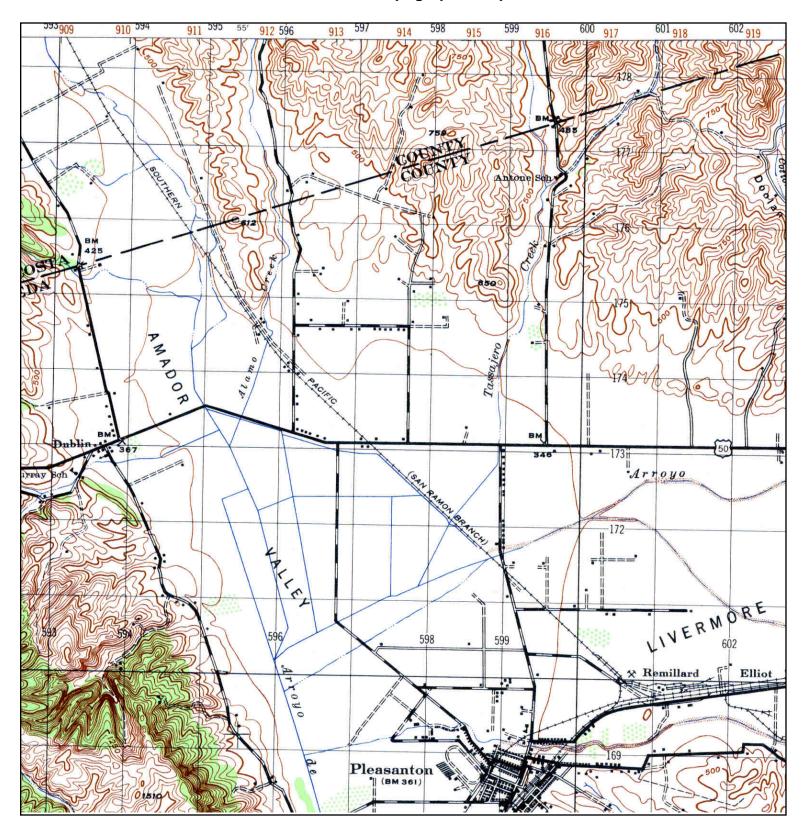
MAP YEAR: 1906

SERIES: 15 SCALE: 1:62500 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4
RESEARCH DATE: 06/05/2013





TARGET QUAD

NAME: PLEASANTON

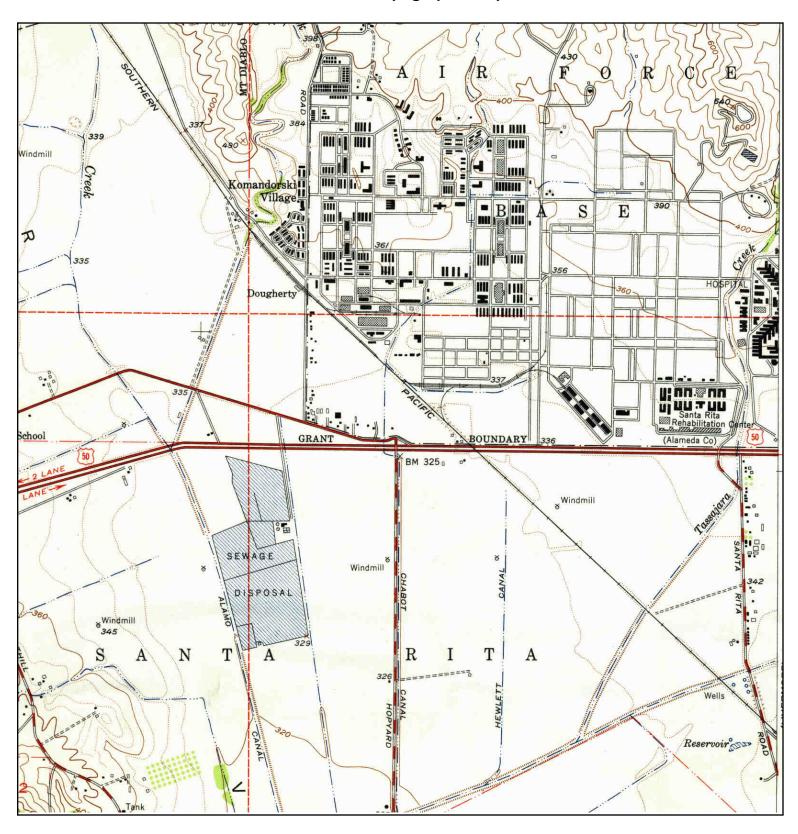
MAP YEAR: 1947

SERIES: 15 SCALE: 1:50000 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4
RESEARCH DATE: 06/05/2013





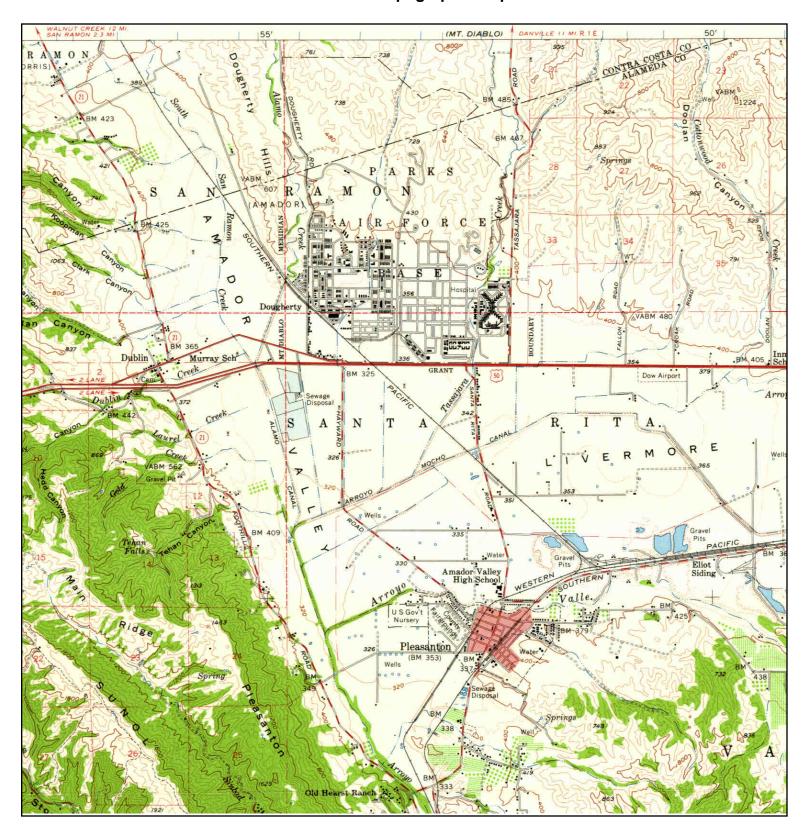
TARGET QUAD NAME: DUBLIN MAP YEAR: 1953

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4





TARGET QUAD

NAME: LIVERMORE

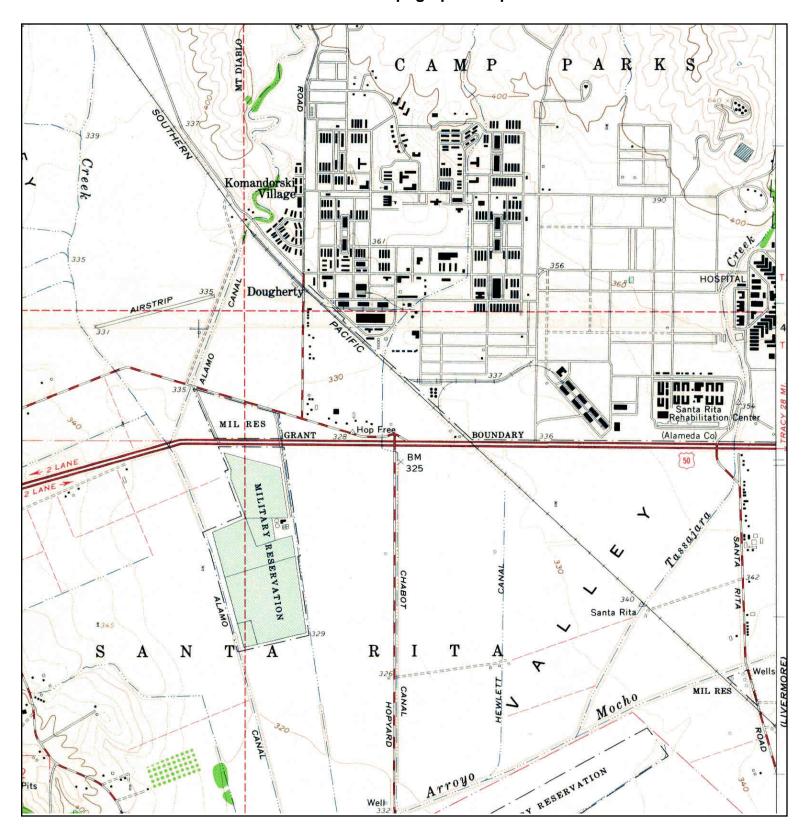
MAP YEAR: 1953

SERIES: 15 SCALE: 1:62500 SITE NAME: Dublin

ADDRESS: Dublin
Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4





TARGET QUAD
NAME: DUBLIN

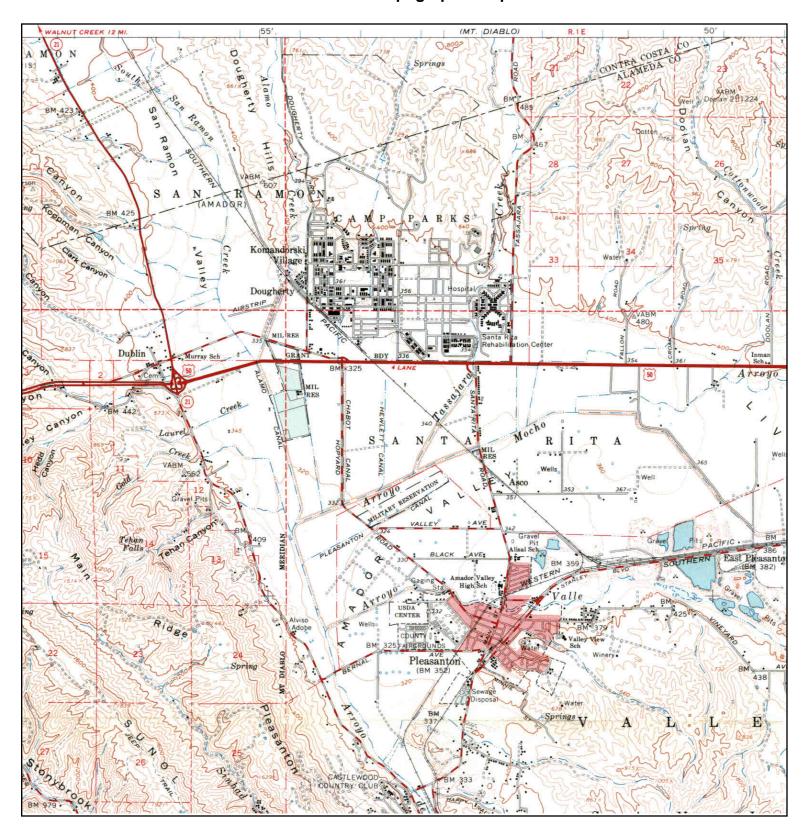
MAP YEAR: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4





TARGET QUAD

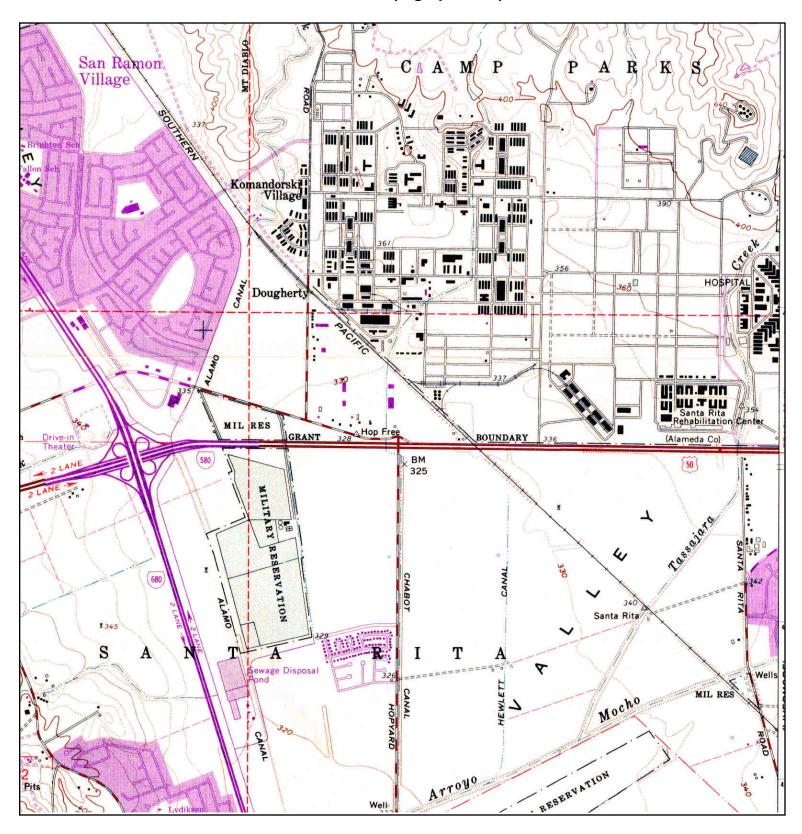
NAME: LIVERMORE

MAP YEAR: 1961

SERIES: 15 SCALE: 1:62500 SITE NAME: Dublin

ADDRESS: Dublin

Dublin, CA 94568 LAT/LONG: 37.7031 / -121.891 CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4



Ν

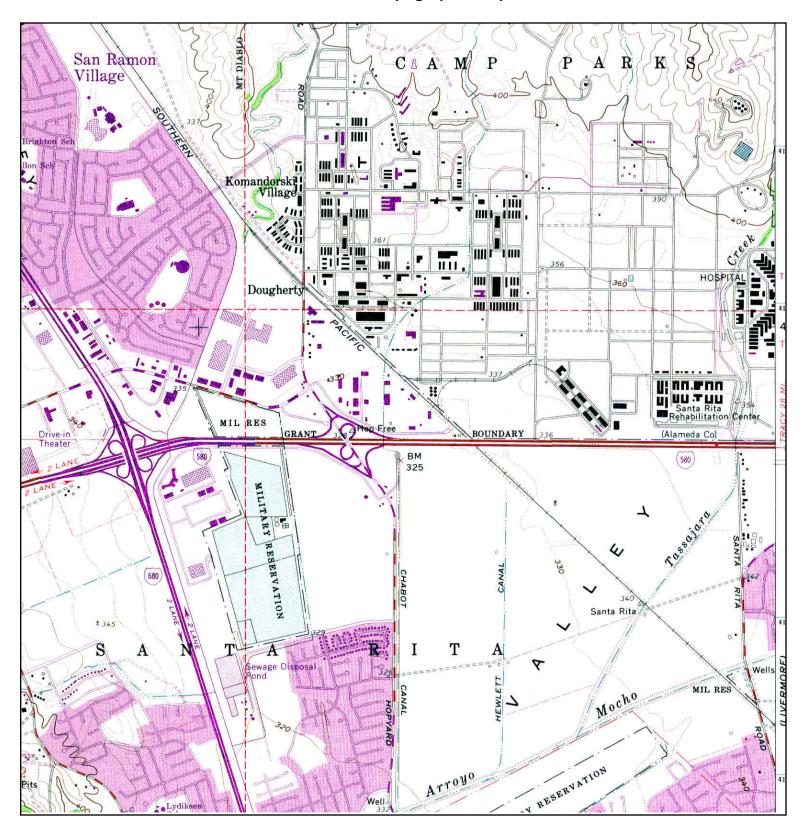
**TARGET QUAD** NAME: **DUBLIN** MAP YEAR: 1968

PHOTOREVISED FROM: 1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568

LAT/LONG: 37.7031 / -121.891 CLIENT: Engeo Inc. CONTACT: Divya Bhargava INQUIRY#: 3627253.4 RESEARCH DATE: 06/05/2013



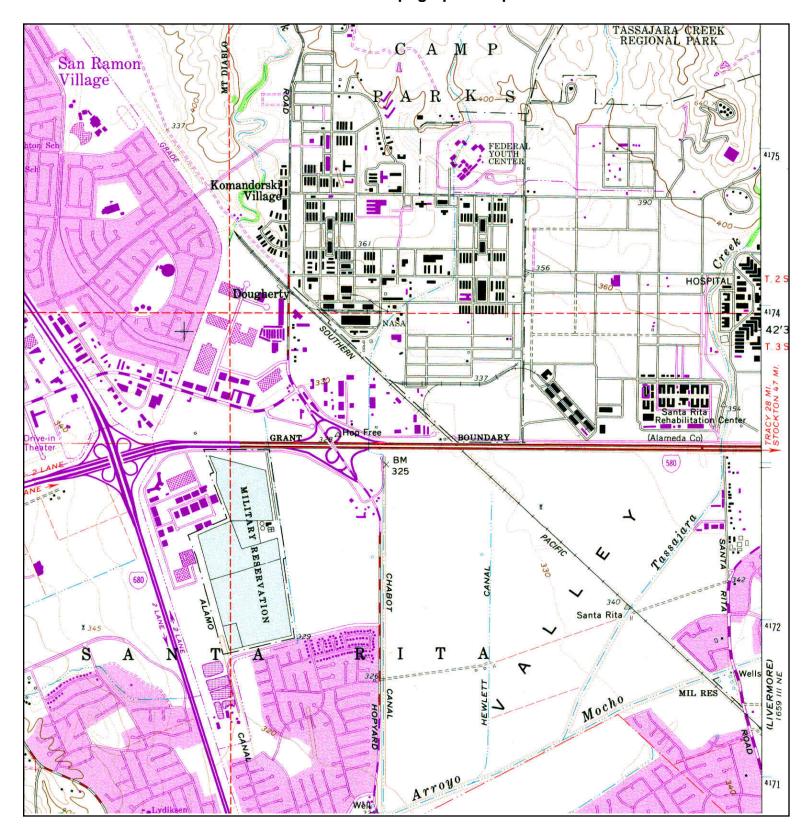


TARGET QUAD NAME: DUBLIN

MAP YEAR: 1973 PHOTOREVISED FROM:1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Dublin ADDRESS: Dublin

Dublin, CA 94568 LAT/LONG: 37.7031 / -121.891 CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4
RESEARCH DATE: 06/05/2013





TARGET QUAD NAME: DUBLIN MAP YEAR: 1980

PHOTOREVISED FROM:1961

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Dublin ADDRESS: Dublin

LAT/LONG:

Dublin, CA 94568

37.7031 / -121.891

CLIENT: Engeo Inc.
CONTACT: Divya Bhargava
INQUIRY#: 3627253.4
RESEARCH DATE: 06/05/2013

# APPENDIX D

ENVIRONMENTAL DATA RESOURCES, INC.

**Aerial Photo Decade Package** 





**Dublin** 

Dublin Dublin, CA 94568

Inquiry Number: 3627253.5

June 07, 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 June 07, 2013

# **Target Property:**

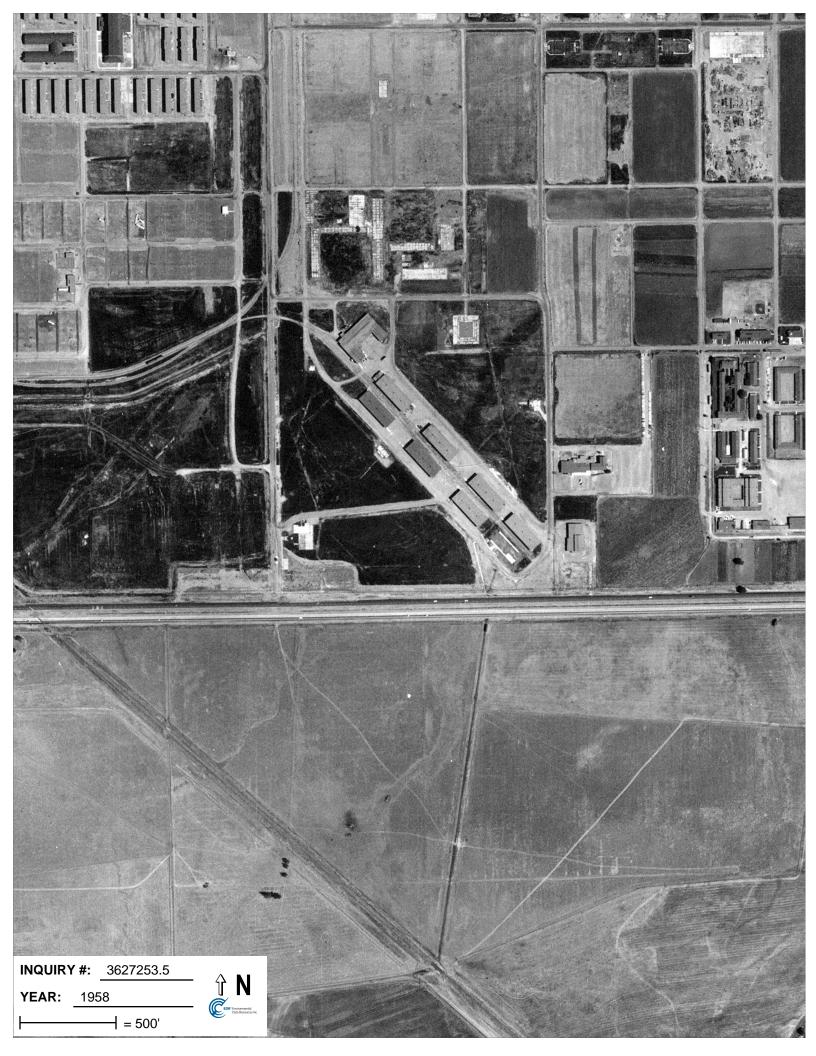
Dublin

Dublin, CA 94568

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	USGS
1958	Aerial Photograph. Scale: 1"=500'	Flight Year: 1958	Cartwright
1966	Aerial Photograph. Scale: 1"=500'	Flight Year: 1966	Cartwright
1979	Aerial Photograph. Scale: 1"=500'	Flight Year: 1979	WAC
1984	Aerial Photograph. Scale: 1"=500'	Flight Year: 1984	WAC
1993	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1993	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
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR



























# APPENDIX E

ENVIRONMENTAL DATA RESOURCES, INC.

**City Directory** 



E



**Dublin**Dublin
Dublin, CA 94568

Inquiry Number: 3627253.6

June 07, 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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# **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			Haines Criss-Cross Directory
2006			Haines Criss-Cross Directory
2001			Haines Criss-Cross Directory
1994			Haines Criss-Cross Directory
1989			Haines Criss-Cross Directory
1985			Haines Criss-Cross Directory
1980			Haines Criss-Cross Directory
1975			Haines Criss-Cross Directory

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# **FINDINGS**

# TARGET PROPERTY STREET

Dublin

Dublin, CA 94568

<u>Year</u>	<u>CD Image</u>	<u>Source</u>		
Martinelli Way				
2010	-	Haines Criss-Cross Directory	Street not listed in Source	
2006	-	Haines Criss-Cross Directory	Street not listed in Source	
2001	-	Haines Criss-Cross Directory	Street not listed in Source	
1994	-	Haines Criss-Cross Directory	Street not listed in Source	
1989	-	Haines Criss-Cross Directory	Street not listed in Source	
1985	-	Haines Criss-Cross Directory	Street not listed in Source	
1980	-	Haines Criss-Cross Directory	Street not listed in Source	
1975	-	Haines Criss-Cross Directory	Street not listed in Source	

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# **FINDINGS**

# **CROSS STREETS**

No Cross Streets Identified

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# APPENDIX F

**Environmental Site Assessment Questionnaires (2)** 







2010 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
116 New Montgomery Street - Suite 224 - San Francisco, CA 94105	(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
425 Merchant Street • Suite 101 • Vacaville, CA 95688	(707) 455-7833 • Fax (888) 279-2698
690 Walnut Avenue - Suite 220 - Mare Island, Vallejo, CA 94592	(707) 562-0030 • Fax (888) 279-2698
☐3545 Airway Drive • Suite 114 • Reno, NV 89511	(775) 852-2121 • Fax (888) 279-2698
	and the second s

# ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE FOR "KEY SITE MANAGER"

To evaluate the potential for possible environmentally related impacts and site contamination the following information is requested. This questionnaire is to be preferably completed by the current property owner, or owner representative, leasing agent, or other person having good knowledge of the uses and physical characteristics of the property (Key Site Manager).

## PART I

1.	Property Address/Location and Assessor's Parcel Number (APN): Hacienda Dr/Martinelli Way, Alameda County, Dublin, CA
	APN: 986-0033-002 and 986-0033-003
2.	Current property owner (name, address, voice/fax number):
3.	Stockbridge/BHV Emerald Place Land Company 500 La Gonda Way, Suite 295, Danville, CA 94526 (925) 314-2700 tel (925) 314-2701 Fox Date current property owner assumed title of property:
	December 2007

4. Current property development/improvements:

Undeveloped

5. Past property use, development/improvements:

See attached Phase I ESA clated February 2007 by Strata Environmental

6. Neighboring property uses:

Vacant to west and north, I-580 to south, Commercial/retail to PART II - The following questions should be answered to the best of your knowledge.

* For a	inswers to all questions below, please see	attacl	red)
(Pna	se I ESA dated February 2007 by Strata &	nuiro	<b>ENG</b> E
1.	Is/has the <i>property</i> or any adjoining property used/been used for industrial purposes?	Yes	□ No
2.	Has the <i>property</i> or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	☐ Yes	□ No
3.	Are there currently, or have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes	□ No
4.	Has undocumented soil been brought onto the property at any time? If yes, estimated quantity is cubic yards.	☐ Yes	□ No
5.	Has soil been brought onto the property that originated from a contaminated site or that is of an unknown origin?	☐ Yes	□ No
6.	Are there currently, or have there been previously, any pits, ponds, or lagoons located on the <i>property</i> in connection with waste treatment or waste disposal?	☐ Yes	□ No
7.	Is there currently, or has there been previously, any stained soil on the property?	☐ Yes	□ No
8.	Are there currently, or have there been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	☐ Yes	□ No
9.	Are there currently, or have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?	☐ Yes	□ No
10.	Are there currently, or have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?	☐ Yes	□ No
11.	Are there any domestic, irrigation or monitoring wells on the property?	☐ Yes	□ No
12.	If the <i>property</i> is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?	1 1	□ No
13.	Have you been informed of the past or current existence of <i>hazardous substances</i> or <i>petroleum products</i> or environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	1 1	□ No
14.	Have there been any <i>environmental site assessments</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?	☐ Yes	□ No
15.	Have there been any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> ?	T Yes	□ No
16.	Has there been any past agricultural use of the <i>property</i> , such as orchards or seed crop cultivation?	☐ Yes	□ No
17.	Have any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the <i>property</i> ?	☐ Yes	□ No
18.	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	☐ Yes	□ No

If a "Yes" response was provided to any of the above questions, please provide details below:



I certify that the information herein is true and co	orrect to the best of my knowle	edge as of the date signed below.	
Name (Printed/Typed):	d Clock		
Signature:	Date:	Co.18.13	
		•	



<ul> <li>□ 2010 Crow Canyon Place • Suite 250 • San Ramon, CA 94583</li> <li>□ 2213 Plaza Drive • Rocklin, CA 95765</li> <li>□ 116 New Montgomery Street • Suite 224 • San Francisco, CA 94105</li> <li>□ 6399 San Ignacio Avenue • Suite 150 • San Jose, CA 95119</li> <li>□ 580 N. Wilma Avenue • Suite A • Ripon, CA 95366</li> </ul>	(925) 866-9000 • Fax (888) 279-2698 (916) 786-8883 • Fax (888) 279-2698 (415) 284-9900 • Fax (888) 279-2698 (408) 574-4900 • Fax (888) 279-2698 (209) 835-0610 • Fax (888) 279-2698
	• • •
425 Merchant Street • Suite 101 • Vacaville, CA 95688	(707) 455-7833 • Fax (888) 279-2698
690 Walnut Avenue - Suite 220 - Mare Island, Vallejo, CA 94592	(707) 562-0030 • Fax (888) 279-2698
3545 Airway Drive • Suite 114 • Reno, NV 89511	(775) 852-2121 • Fax (888) 279-2698

# ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE FOR <u>CLIENT</u>

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 I**

1. Property address and Assessor's Parcel Number (APN):
Hacienda Dr/Martinelli Way, Alamed a County, Dublin, CA
APN: 986-0033-002 and 986-0033-003

2. Current property owner (name, address, voice/fax number):
Stockloridge/BHV Emerald Place Land Company
500 La Gonda Way, Suite 295, Danville, CA 94526

3. Date current property owner assumed title of property:

(975) 314-2700 tel
Pecember 2007

(925) 314-2701 fax

4. Current property development/improvements:

Undeveloped

5. Past property use, development/improvements:

See a Hacked Phose I ESA dated February 2007 by Strata Environmental

6. Neighboring property uses:

Uarant land to wost and north, Interstote I-580 to the south, Commer Cial /retail to the east

# PART II



1.	Are you aware of any environmental cleanup liens against the <i>property</i> that are filed under federal, tribal, local or state law?	☐ Yes	No
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, tribal, state or local law?	☐ Yes	No
3.	Do you have any specialized knowledge or experience related to the <i>property</i> or nearby properties? For example are you involved in the same line of business as the current or former occupants of the <i>property</i> or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐ Yes	No
4.	If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this <i>property</i> reasonably reflect the fair market value of the <i>property</i> ? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the <i>property</i> ?	☐ Yes	□ NA·
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
	<ul><li>(a) do you know of specific chemicals that are present or once were present at the <i>property</i>?</li><li>(b) do you know of spills or other chemical releases that have taken place at the <i>property</i>?</li><li>(c) do you know of any environmental cleanups that have taken place at the <i>property</i>?</li></ul>		
6.	Based on your knowledge and experience related to the <i>property</i> are there any obvious indicators that point to the presence or likely presence of contamination at the <i>property</i> ?	☐ Yes	No
If a ''Ye	es'' response was provided to any of the above questions, please provide details below:		
K	E please see a Hadred Phose I ESA		
. (	Eplease see attached Phose I ESA dated February 2017, the most rec	ent	availabl
I certify th	at the information herein is true and correct to the best of my knowledge as of the date signed below.		
Name (Pri	nted/Typed): David Clock		
Signature:	(10, 12)		

# APPENDIX G

**Qualification of Environmental Professional** 

A P P E N D I



#### **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.

