

Appendix F Phase I ESA and Addendum

Appendices

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March 2019 | Phase I Environmental Site Assessment

Solana Vista Elementary School Reconstruction

for Solana Beach School District

Prepared for:

Solana Beach School District

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Executive Summary

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) on behalf of Solana Beach School District (District) for the proposed reconstruction of Solana Vista Elementary School (site), located at 780 Santa Victoria in the City of Solana Beach, San Diego County, California (Figures 1 and 2). The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the “environmental risk” associated with the site, as defined in the ASTM E 1527-13 Standard and discussed in the Introduction section of this report. The Phase I also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites.

The 10-acre Solana Beach Elementary School campus is identified with Assessor’s Parcel Number [APN] 263-291-3400 and 263-291-3300. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of Solana Beach, San Diego County. The site is in a residential neighborhood. The site is bounded by Santa Victoria to the north and San Patricio Drive to the south. Figure 2 shows the local vicinity and Figure 3 the current conditions of the existing school site. Regional access to the site is provided by San Diego Freeway (Interstate-5), approximately 0.434-mile west of the site. The Lomas Santa Fe Golf Course and Country Club is located to the east and to the north is the San Elijo Lagoon.

Solana Beach Elementary School was constructed in 1971 and was modernized in 2000. The reconstruction of Solana Vista Elementary School entails the complete demolition of the existing school and construction of new classroom facilities, a parking lot, and play areas. The new classroom buildings are planned to be constructed in the area of the existing buildings near the northern portion of the site.

The objective of a Phase I is to assess whether “recognized environmental conditions” (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the subject site. Our conclusions are intended to help the user evaluate the “business environmental risk” associated with the subject site. Our opinion regarding an REC’s potential impact on the subject site is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, and our experience evaluating similar sites.

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

The ASTM E 1527-13 Standard defines an REC in part as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.”

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No RECs were identified for the site.

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

The ASTM E 1527-13 Standard defines an HREC as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

No HREC were identified for the site.

CONTROLLED RECS ENVIRONMENTAL CONDITIONS

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

“a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed no evidence of CRECs in connection with the project site following the ASTM standard.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL PROTOCOL

Based on a review of historical evidence, the site remained undeveloped vacant land until approximately 1971 when the current school was constructed. The school site was not used for agriculture and there were no identified structures on the school site prior to 1971. Based on the DTSC’s *Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 9, 2006, PlaceWorks recommended testing the areas of overlap between old construction and planned new construction for potential lead from lead-based paint and organochlorine pesticides from possible termiticide usage around the existing buildings.

A Phase I Addendum was conducted for the project site and is included in Appendix D. The Phase I Addendum found that pesticides were not detected and lead levels at the site do not exceed DTSC or EPA regional screening levels. Lead concentrations were within typical background concentrations for lead in soil and does not pose a hazard to human health.

Executive Summary

SUMMARY

Based on the results of this assessment, REC, CRECs, and HRECs were not identified for the project site., PlaceWorks implemented testing around the existing structures as recommended in DTSC guidance for school sites for potential lead from lead-based paint and organochlorine pesticides from possible termiticide usage around the existing buildings. The test results are presented in the Phase I Addendum in Appendix D which did not find elevated concentrations of organochlorine pesticides or lead.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid waste disposal site. Based on site inspection and information reviewed for preparation of this report, the existing school site is not located on a current or former disposal site.

The remainder of this report contains additional information regarding the Phase I work performed, the findings summarized above, and any limitations.

Executive Summary

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1. Introduction

This Phase I Environmental Site Assessment (Phase I) was performed in general conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) E 1527-13 Standard for Solana Beach School District (District) proposed reconstruction of Solana Vista Elementary School (site). The Phase I was performed in conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the “environmental risk” associated with the site, as defined in the ASTM E 1527-13 Standard. Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites were also followed in preparing this assessment (DTSC 2001).

The Solana Beach School District proposes to modernize the existing Solana Vista Elementary School, located at 780 Santa Victoria, Solana Beach, San Diego County, California (Figures 1 and 2). The 10-acre Solana Beach Elementary School was constructed in 1971 and was modernized in 2000. The reconstruction of Solana Vista Elementary School entails the complete demolition of the existing school and construction of new classroom facilities, a parking lot, and play areas. The new classroom buildings are planned to be constructed in the area of the existing buildings near the northern portion of the site to house approximately 500 students. These new buildings would total 60,000 to 65,000 square-feet and would include twenty-four (24) K-6 classrooms and three special education classrooms. Additionally, the reconstructed campus would include a library, art room, music room, computer room, resource specialist area, science lab, a multipurpose room, an office complex, teacher preparation and tutoring room, storage, after-school care room, hard court play areas, bus access, parking lot(s), vehicle service drive, serving kitchen, and refuse pick-up area. Figure 3 is an aerial photograph showing the current boundaries site conditions.

1.1 OBJECTIVE

The objective of this assessment was to evaluate site history, existing observable conditions, current site use, and current and historic uses of surrounding properties to identify the potential presence of Recognized Environmental Conditions (RECs) in connection with the subject site. RECs are defined by ASTM as

“the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”

In addition, the Standard requires the identification of historical RECs (HRECs) and known or suspect environmental conditions in the Phase I report. The standard defines historical RECs as

“a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting

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unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

“a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Our conclusions are intended to help the user evaluate the “environmental risk” associated with the site, defined by ASTM as “a risk which can have a material environmental or environmentally-driven financial impact on the business associated with the current or planned use of a parcel of commercial real estate. Consideration of environmental risk issues may involve addressing one or more non-scope considerations.”

1.2 SITE IDENTIFICATION

The site is a ‘baseball field’ shape and is approximately 10-acres. Solana Vista Elementary School is surrounded by residential development. Access to the site will continue to be from the intersection of Santa Victoria and Santa Carina. However, the reconstruction of the campus will change the layout of the buildings. Figure 3 is an aerial photograph showing the current site conditions.

The Solana Vista Elementary School campus is located at 780 Santa Victoria, City of Solana Beach, San Diego County, California (Figure 1). Figure 2, *Local Vicinity*, provides a map depicting the general location of the site. The Solana Beach Elementary School campus is identified with Assessor’s Parcel Number [APN] 263-291-3400 and 263-291-3300.

1.3 DETAILED SCOPE OF SERVICES

PlaceWorks performed the following detailed scope of services to complete our Phase I assessment:

1. Visual observations of site conditions, and of adjoining property use, to evaluate the nature and type of activities that have been or are being conducted at and adjacent to the site, in terms of the potential for release or threat of release of hazardous substances or petroleum products.
2. Review of federal and state environmental database information within the ASTM- specified radii from the subject site using a database service to access records. Use of 7.5-minute topographic maps to evaluate the site’s physical setting.
3. Review of federal and state environmental files, as necessary, pertaining to the subject site and nearby sites with the potential to impact the subject site.
4. Review of previous reports (if any) prepared for the subject site.

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5. Review of historical aerial photographs.
6. Contacts with state and local agencies, as necessary, regarding the site and surrounding properties and structures.
7. Interviews with the Key Site Manager and property tenant representatives (if any). Interpretation of information and data assembled as a result of the above work tasks, and formulation of conclusions regarding the potential presence and impact of RECs as defined by the ASTM E 1527-13 Standard.

1.4 NON-SCOPE CONSIDERATIONS

The ASTM E 1527-13 Standard includes the following list of “additional issues” that are non-scope considerations outside of the scope of the ASTM Phase I practice: Asbestos-Containing Materials, Biological Agents, Radon, Lead-Based Paint, Lead in Drinking Water, Wetlands, Regulatory Compliance, Cultural and Historic Risks, Industrial Hygiene, Health and Safety, Ecological Resources, Endangered Species, Indoor Air Quality unrelated to releases of hazardous substances or petroleum products in the environment and mold.

A limited assessment of the presence of polychlorinated biphenyls (PCBs) is included in the ASTM work scope. Accordingly, the assessment of the presence of PCBs is limited to those potential sources specified in the ASTM E 1527-13 Standard as “electrical or hydraulic equipment known or likely to contain PCBs” to the extent visually and or physically observed or identified from the interview or records review.

1.5 EXCEPTIONS AND DEVIATIONS

PlaceWorks has completed this assessment in substantial conformance with ASTM E 1527-13. In our opinion, there were no exceptions, addition, deviations or deletions made to the ASTM work scope.

1.6 LIMITATIONS

Our work for this project was performed generally consistent with the ASTM E 1527-13 Standard for Phase I Environmental Site Assessments. Several organizations other than ASTM, such as professional associations (e.g. ASFE and AGWSE) have also developed “guidelines” or “standards” for environmental site assessments. The Phase I presented herein is consistent with the ASTM E 1527-13 Standard, which may vary from the specific “guidelines” or “standards” required by other organizations.

This Report was prepared pursuant to an Agreement between the District and PlaceWorks. All uses of this Report are subject to, and deemed acceptance of, the conditions and restrictions contained in the Agreement. The observations and conclusions described in this Report are based solely on the Scope of Services provided pursuant to the Agreement. PlaceWorks has not performed any additional observations, investigations, studies or other testing not specified in the Agreement. PlaceWorks shall not be liable for the existence of any condition the discovery of which would have required the performance of services not authorized under the Agreement.

1. Introduction

This Report is prepared for the exclusive use of the District in connection with the site of the proposed school reconstruction. There are no intended beneficiaries other than the District. PlaceWorks shall owe no duty whatsoever to any other person or entity on account of the Agreement or the Report. Use of this Report by any person or entity other than the District for any purpose whatsoever is expressly forbidden unless such other person or entity obtains written authorization from the District and from PlaceWorks. Use of this Report by such other person or entity without the written authorization of the District and PlaceWorks shall be at such other person's or entity's sole risk, and shall be without legal exposure or liability to PlaceWorks.

Use of this Report by any person or entity, including by the District, for a purpose other than the site, is expressly prohibited unless such person or entity obtains written authorization from PlaceWorks indicating that the Report is adequate for such other use. Use of this Report by any person or entity for such other purpose without written authorization by PlaceWorks shall be at such person's or entity's sole risk and shall be without legal exposure or liability to PlaceWorks.

This Report reflects site conditions observed and described by records available to PlaceWorks as of the date of report preparation. The passage of time may result in significant changes in site conditions, technology, or economic conditions, which could alter the findings and/or recommendations of the report. Accordingly, the District and any other party to whom the report is provided recognize and agree that PlaceWorks shall bear no liability for deviations from observed conditions or available records after the time of report preparation.

The findings, conclusions, and recommendations contained in this report are based on site conditions as they existed at the time of our investigation. Our review of documents, lists, databases, and public agency files have been conducted with due diligence. However, our conclusions are based on available information and are subject to constraints imposed by public agencies on review procedures and information retrieval. As a result, PlaceWorks may have been unable to identify potential concerns. PlaceWorks assumes no responsibility for conditions that did not come to our attention despite reasonable care, or for conditions that were not generally recognizable as environmentally unacceptable at the time of this report. Opinions and judgments expressed are based on our understanding and interpretations of currently available regulatory standards and should not be construed as legal opinions or advice.

Use of this Report by any person or entity in violation of the restrictions expressed in this Report shall be deemed and accepted by the user as conclusive evidence that such use and the reliance placed on this Report, or any portions thereof, is unreasonable, and that the user accepts full and exclusive responsibility and liability for any losses, damages or other liability which may result.

2. Site Description

This section describes the site location and ownership of the site as well as other pertinent details.

2.1.1 Name of Site Owner

The site is owned by the Solana Beach School District.

2.1.2 Site Location Map

The United States Geological Survey (USGS) topographic map for the site is the Encinitas, Rancho Santa Fe, Del Mar, and Del Mar OE W, California Quadrangle. The USGS topographic map was used as the source for site setting information. The site is in the City of Solana Beach, San Diego County at approximately 33.004038 north latitude and 117.250651 west longitude. The site is in Section 36 of Township 13 South, Range 4 West of the San Bernardino Base Line and Meridian.

2.2 SITE AND VICINITY DESCRIPTION

The District proposes to modernize through the demolition of the existing buildings on the Solana Vista Elementary school campus. The District plans to build twenty-four (24) K-6 classrooms and three special education classrooms. Additionally, the reconstructed campus would include a library, art room, music room, computer room, resource specialist area, science lab, a multipurpose room, an office complex, teacher preparation and tutoring room, storage, after-school care room, hard court play areas, bus access, parking lot(s), vehicle service drive, serving kitchen, and refuse pick-up area. Figure 1, *Regional Location*, provides a map depicting the general location of the site. The site is ‘baseball field’-shaped and is approximately 10-acres in size (Figures 2 and 3).

Regional access to the site is provided by San Diego Freeway (Interstate-5), approximately 0.43 miles west of the site. The site is bounded by Santa Victoria to the north and San Patricio Drive to the south, with access to the site from the intersection of Santa Victoria and Santa Carina. Solana Vista Elementary is in a residential neighborhood and is surrounded by residences on all sides. South and east of the site is the Lomas Santa Fe Golf Course and Country Club, and to the north is the San Elijo Lagoon. The nearest commercial structures are located within the Lomas Santa Fe Plaza approximately 0.67 miles south-southwest of the site.

2.3 PHYSICAL SETTING

Geology and hydrology were evaluated based on readily-available public information or references, and/or based upon our experience and understanding of subsurface conditions in the subject property area.

2. Site Description

2.3.1 Topography

Topographically, the property has a gentle topographic gradient to the west-northwest. Based on a review of the USGS 7.5-minute Topographic Series, Encinitas, Rancho Santa Fe, Del Mar, and Del Mar OE W, California Quadrangle Map (USGS 2012), surface elevation of the ranges from approximately 230 to 240 feet above sea level.

2.3.2 Geologic Information

The site is located on the coastal terrace margin of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges Province extends approximately 900 miles from the Los Angeles-Pomona-San Bernardino Basins to Baja California, Mexico and is characterized by elongated northwest-trending mountain ranges separated by sediment-floored valleys (Yerkes et al. 1965). The most dominant structural features of the province are the northwest-trending fault zones, most of which die out, merge with, or are terminated by the steep reverse faults at the southern margin of the San Gabriel-San Bernardino Mountains within the Transverse Ranges Geomorphic Province far to the north of the Site. The area includes uplifted and dissected Pleistocene-age terrace deposits, Eocene-age sedimentary rocks, Mesozoic metasedimentary and metavolcanic rocks and Cretaceous rocks of the Southern California batholith (Kennedy and Tan 2005). The property sits atop middle Eocene Torrey Sandstone (Kennedy and Tan 2005).

The United States Department of Agriculture Natural Resources Conservation Services maps the soil beneath the site. The soil components are Carlsbad gravelly loamy sand, Loamy Alluvial land, Corralitos loamy sand, Las Flores loamy fine sand, and Chino silt loam (USDA 2018).

Carlsbad gravelly loam sand is characterized by slow infiltrations rates and soils with layers impeding downward movement of water or soils with moderately fine to fine textures. Loamy Alluvial land is characterized by very slow infiltration rates as well as soils that are clayey and have a high-water table or are shallow to an imperious layer. Corralitos loamy sand is characterized by high infiltration rates and soils that are deep well drained to excessively drained sands and gravels. Las Flores loamy fine sand is characterized by very slow infiltration rates and soils that are clayey and has a high-water table or is shallow to an imperious layer. Chino silt loam is characterized by moderate infiltration rates and deep to moderately deep well drained soils that have a moderate coarse texture (USDA 2018).

2.3.3 Naturally Occurring Asbestos Containing Minerals

Based on a review of A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos (Department of Conservation, Division of Mines and Geology 2000) and Van Gosen and Clinkenbeard (2011), the site is not located within a ten-mile radius from an area thought to contain naturally occurring asbestos (NOA).

2.3.4 Groundwater and Surface Water Information

The Solana Vista Elementary School is in the San Dieguito Hydrologic Unit in the Rancho Santa Fe Hydrologic Subarea in the Solana Beach Hydrologic area (CRWQCB, 1994). Water tends to flow towards the

2. Site Description

principal water features of the San Dieguito River, which is approximately 1.87-mile south of the site, and the Pacific Ocean, which is approximately 1.59-mile west of the site. Depth to groundwater in the area is currently unknown, reports for other sites in the surrounding area have drilled down as far as 10-feet and report not encountering any groundwater (ENVIRON, 2003). Based on the Environmental Database Report, provided in Appendix B, the site is not located in a flood risk zone.

2. Site Description

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3. Site History and Background Information

3.1 PREVIOUS REPORTS

No previous environmental reports for the site was provided by the District or reviewed by PlaceWorks in preparation of the Phase I.

3.2 PAST USAGE OF THE SITE

Past usage of the site was assessed through review of historical aerial photographs, topographic maps, and databases. Copies of historical information reviewed are included in Appendix A. Based on a review of historical information; the site has been vacant undeveloped land until approximately 1971 when the school was constructed.

3.2.1 Historical Aerial Photographs

Aerial photographs for the site obtained from EDR for the years 1928, 1939, 1946, 1949, 1953, 1964, 1966, 1970, 1979, 1985, 1989, 1990, 1994, 2005, 2010, and 2014 were reviewed for the subject site. Copies of the aerial photographs are included in Appendix A.

- 1928 – The site is undeveloped land with a dirt road that bisects the northeast corner of the site. The immediate surrounding area also appears to be undeveloped land. There is a cluster of approximately four structures to the north northwest of the site.
- 1939 – The site is still undeveloped land; however, the dirt road now also stretches across the north west portion of the site. The cluster of approximately four structures to the north northwest of the site appears to be only one structure now. There is now also a cluster of approximately three structures more immediately north of the site.
- 1946 – There appears to be two, relatively small, unidentified small structures shown on the north-northwest edge of the site boundary, along with another small structure further north northwest adjacent to the same dirt road as the other two. The cluster of structures more immediately north of the site is still present, as well as the one structure more north northwest of the site.
- 1949 – It is unclear if the two relatively small structures seen along the north-northwest edge of the site boundary are still present. The other relatively small structure, a little further north northwest along the dirt road is still apparent in the photograph. There is now also another small structure seen on the southeastern edge of the site boundary.

3. Site History and Background Information

- 1953 – The only structures seen are the building clustered to the north northeast of the site and the smaller structure to the north northwest of the site. The site appears unchanged in comparison to the 1949 aerial photograph.
- 1964 – The portion of the road that curves along the northwest curve of the site boundary appears to have been turned into an asphalt road and leads more towards the cluster of buildings that are located to the north northeast of the site. Dirt trails still go through the site. The smaller structure to the north northwest is still visible.
- 1966 – The site is still undeveloped land, with the road still bisecting it. The smaller structure to the north northwest of the site is no longer present.
- 1970 – There are still two dirt trails that go through the site, but no structures are present. The surrounding area has what appears to be residential development to the north northwest and west of the site.
- 1979 – The site now has the Solana Beach Elementary School, with school buildings located in the north northeastern corner of the site with play fields in the other parts of the site. The surrounding area is completely developed with residential dwellings.
- 1985 – There appears to be more buildings being constructed in the middle of the site. The surrounding area appear relatively unchanged in comparison to the 1979 aerial photograph,
- 1989 – The construction in the middle of the site appears to have continued, with more buildings present. Additionally, there is now a hard-top play area on the north northwestern edge of the site.
- 1990 – The site and surrounding area appear relatively unchanged in comparison to the 1989 aerial photograph.
- 1994 – The site and surrounding area appear relatively unchanged in comparison to the 1990 aerial photograph.
- 2005 – The site and surrounding area appear relatively unchanged in comparison to the 1994 aerial photograph.
- 2010 – The site and surrounding area appear relatively unchanged in comparison to the 2005 aerial photograph.
- 2014 – The site and surrounding area appear relatively unchanged in comparison to the 2010 aerial photograph.

3. Site History and Background Information

3.2.2 Historical Topographic Maps

Historical Topographic Maps obtained from EDR for the years 1893, 1898, 1901/1903, 1947, 1948, 1949/1953, 1967/1968, 1975, 1983, 1994/1996/1997 and 2012 were reviewed for the site. Copies of the topographic maps are included in Appendix A.

- 1893 – There are no structures depicted on the site. There are unlabeled roads to the north of the site, with one road curving down to the southwest past the site. There are three structures depicted to the northwest of the site and three spread out structures to the east of the site. The only area labeled is the San Elijo Lagoon.
- 1898 – Most of the area is unmapped on the 1898 map. The northwest corner of the site is present on the mapped part, but no structures are depicted on what is shown. One of the three structures to the northwest of the site is no longer depicted.
- 1901/1903 – The site and surrounding area appear relatively unchanged in comparison to the 1899 topographic map.
- 1947 – The site appears relatively unchanged in comparison to the 1901/1903 topographic map. There are now two structures north of the site, along the San Elijo Lagoon area.
- 1948 – A road appears to bisect the site, but there are no structures shown. There is now a structure located north of the eastern corner of the site. The map also shows water wells located to the east and west of the site.
- 1949/1953 – The site and surrounding area appear relatively unchanged in comparison to the 1948 topographic map. The southern portion of the topographic map is now mapped and there appears to be a lot of development northwest and southwest of the site along the Pacific Ocean in an area labeled Solana Beach and Eden Gardens respectively. There is also now a secondary highway that runs west to east located to the south of the site, it is now known as the Lomas Santa Fe Drive.
- 1967/1968 – The site and surrounding area appear relatively unchanged in comparison to the 1949/1953 topographic map. However, the road that had bisected the site is no longer depicted as going through the site. The map reflects a surge in development northeast, east, southeast, south, and southwest of the site. The San Diego Freeway (Interstate-5) is now on the map to the west of the site.
- 1975 – Only the northwest corner of the site is mapped. There are no structures shown on the part of the site that is present on the map. More roads to the northwest are depicted in revision tint. Areas to the west are beginning to be highlighted in omission tint, which reflects areas of dense development.

3. Site History and Background Information

- 1983 – Only the eastern portion of the site is shown, and no structures or roads are depicted on the part that is mapped. There are more roads and structures to the east of the site, shown in revision tint.
- 1994/1996/1997 – The site is highlighted in omission tint reflecting the increase in dense development in the area.
- 2012 – Only streets are depicted on the topographic map. Recent topographic maps no longer depict structures.

3.2.3 Sanborn Maps

Sanborn maps were not available for the site. A copy of the certified Sanborn map report is included in Appendix A.

3.2.4 City Directory

EDR provided an EDR-City Directory of the site and surrounding area. A copy of the EDR-City Directory is included in Appendix A. City Directory data was searched for the years spanning from 1970 through 2014. The first listing for the site is in 1976 for the Solana Vista School. No listings past 2014 were provided for site in the EDR-City Directory, however the site is listed as either the Solana Vista Elementary School or the Solana Beach School District for the years 1976 to 2014. The properties adjacent to the site are residential.

3.2.5 Prior Agricultural Use

Based on the site visit and review of historical aerial photographs and topographic maps, the site appears to not have been used for agricultural purposes.

3.2.6 Mines

Based on the site visit and review of historical aerial photographs and topographic maps, the site appears to not have been a site for mining operations.

3.2.7 Illegal Drug Manufacturing

The site was not identified by the California Hazardous Material Incident Report System (CHMIRS) which is maintained by the California Office of Emergency Services and contains information regarding hazardous material incidents such as accidental releases or spills. Clandestine Drug Laboratory Locations (CDL) database maintained by the U.S. Department of Justice was also reviewed for the presence of drug laboratories or dumpsites. Drug-related waste was not observed on the site during the site inspection.

3.2.8 Prior U.S. Government Ownership

Based on the review of the EDR, historical aerial photographs, and topographic maps reviewed, there is no indication that the site was owned by the U.S. Government or devoted to military use or operations.

3. Site History and Background Information

3.3 SURROUNDING PROPERTY LAND USES

Based on the review of the EDR, historical aerial photographs, and topographic maps, the adjoining properties surrounding the site have been predominately residential and were not used for agricultural purposes.

3. Site History and Background Information

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4. Environmental Records Review

4.1 STANDARD ENVIRONMENTAL RECORDS REVIEW

PlaceWorks utilized the electronic database service EDR to complete the environmental records review. The database search was used to identify properties that may be listed in the referenced Agency records, located within the American Society for Testing and Materials (ASTM)-specified search radii indicated below:

Database	Approximate Search Distance	Subject Site Listed?	Number of Sites within Search Area
Federal NPL Sites	1 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
CERCLIS Sites	0.5 mile	No	0
CERCLIS-NFRAP Sites	0.5 mile	No	0
Federal ERNS	Site only	No	0
RCRA non-CORRACTS TSD Facilities	0.5 mile	No	0
RCRA CORRACTS Facilities	1 mile	No	0
RCRA Generators	Site and Adjoining	No	0
Federal Institutional/Engineering Control Registry	0.5 mile	No	0
State and Tribal Equivalent NPL Sites	1 mile	No	0
State and Tribal Equivalent CERCLIS Sites	1 mile	No	2
State and Tribal Registered Storage Tanks	Site and Adjoining	No	0
State and Tribal Landfills and Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tanks	0.5 mile	No	2
State and Tribal Institutional Controls/Engineering Control	Site only	No	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0
Orphan Site List	Site and Adjoining	No	2
HAZNET	Site only	Yes	1

A review of selected regulatory agency databases for documented environmental concerns on the site, or in close proximity to the site, was conducted by EDR. A copy of the radius report dated April 19, 2018 is included in Appendix B. Solana Vista Elementary School is listed as a HAZNET site for the proper manifesting and disposal of hazardous materials.

4.1.1 NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for clean-up by the EPA.

- The site is not listed on the NPL list.

4. Environmental Records Review

- The database search did not identify any NPL site within a mile radius of the site.

4.1.2 Federal Delisted NPL Sites

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

- The site is not listed on the delisted NPL list.
- The database did not identify any delisted NPL sites within a mile radius of the site.

4.1.3 CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL.

- The site is not listed on the CERCLIS list.
- The database search did not identify any CERCLIS listings within a half mile radius of the site.

4.1.4 CERCLIS-NFRAP Sites

CERCLIS-NFRAP status indicates that a site was once on the CERCLIS List but has No Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, contamination was removed quickly, or the contamination was not significant enough to warrant NPL status.

- The site is not listed on the CERCLIS-NFRAP list.
- The database search did not identify any CERCLIS-NFRAP Site within a half mile radius of the site.

4.1.5 RCRA CORRACTS Facilities

The RCRA CORRACTS Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity.

- The site is not listed as a RCRA CORRACTS TSD Facility.
- The database search did not identify any RCRA CORRACTS TSD Facilities within a one-mile radius of the site.

4. Environmental Records Review

4.1.6 RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity.

- The site is not listed as a RCRA non-CORRACTS TSD facility.
- The database search did not identify any RCRA non-CORRACTS TSD facilities within a one-half mile radius of the site.

4.1.7 RCRA Generators

The RCRA Generator list is maintained by the EPA to track facilities that generate hazardous waste.

- The site is not listed as a RCRA Generator facility.
- The database search did not identify any RCRA Generators within a quarter mile radius of the site.

4.1.8 Federal Institutional Control / Engineering Controls

A listing of sites with institutional and or engineering controls in place is maintained by the EPA. 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. 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.

- The site is not listed as having an institutional or engineering control.

4.1.9 Federal ERNS List

The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The list is maintained by the National Response Center United States Coast Guard.

- The site is not listed on the Federal ERNs list.

4.1.10 State-and Tribal- equivalent NPL

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.

- The site is not listed on state- and tribal-equivalent NPL.
- The database search did not identify any state-and tribal equivalent NPL sites within a one-mile radius of the site.

4. Environmental Records Review

4.1.11 State and Tribal- equivalent CERCLIS

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

- The site is not listed on the state-and tribal-equivalent CERCLIS.
- The database search identified two state-and tribal-equivalent CERCLIS sites within a mile radius of the site
 - Earl Warren Middle School located at 155 Stevens Avenue, approximately 0.758-mile to the southwest of the subject site, is listed because the site had a Phase I for reconstruction. The Phase I found three recognized environmental conditions but based on a Phase I addendum none of the potential contaminants of concern were present at concentrations above their respective screening levels. The DTSC agreed that no further environmental investigation was required for the site as of January 26, 2015.
 - Del/Mar-Encinitas FCS 1 San Diego, CA located approximately 0.953-mile to the southwest of the subject site, is listed because it was formerly used as a defense site. Currently regulatory status for the facility is inactive and need evaluation as of July 1, 2005. Based on the distance, topography, and regulatory status it is not expected to have impacted the subject site.

4.1.12 State and Tribal- equivalent Landfill and/or Solid Waste Disposal Sites

The database contains active, closed and inactive landfills that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

- The site is not listed on state- and tribal- equivalent landfill and/or solid waste disposal site lists.
- The database search did not identify any state-and tribal equivalent Landfill and/or Solid Waste Disposal sites within a half mile radius of the site.

4.1.13 State and Tribal Leaking Underground Storage Tanks

The State Water Resources Control Board Leaking Underground Storage Tank Information System contains an inventory of Leaking Underground Storage Tank (LUST) Incident Reports.

4. Environmental Records Review

- The site is not listed on state- and tribal leaking underground storage tanks list.
- The database search identified two LUST facilities within a half-mile radius of the site.
 - Lomas Santa Fe Cleaners located at 917 Lomas Santa Fe Drive, approximately 0.477-mile south of the subject site, is listed because of a leak of a chlorinated hydrocarbon solvent reported April 3, 1998. Based on correspondence between the responsible party and the County of San Diego Department of Environmental Health, dated February 8, 2018, there was not enough information provided to the DTSC for the case to receive regulatory closure and the responsible party was instructed to have more testing done to determine if the leak of a chlorinated hydrocarbon solvent still posed a potential health risk. This facility is listed twice on the EDR, but it is the same case. The facility is situated at a lower elevation (down gradient) than Solana Vista Elementary School and the leak is not expected to have had an impact.

4.1.14 State and Tribal Registered Underground Storage Tanks

The State Water Resources Control Board's Hazardous Substance Storage Container Database maintains a list of USTs regulated by the Resource Conservation and Recovery Act.

- The site is not listed on the registered UST list.
- The database did not identify any registered UST facilities within a quarter mile radius of the site.

4.1.15 State and Tribal Voluntary Cleanup Site

The DTSC maintains a list of 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.

- The site is not listed on the state and tribal voluntary cleanup program.
- The database did not identify any state and tribal voluntary cleanup program sites within a half mile radius of the site.

4.1.16 Orphan Sites

The EDR database identified two sites that were indicated as being potentially in the area and were not mapped due to incomplete address information.

- Solana Beach Burnsite located along Santa Victoria, to the east of the subject site, is listed because it was a burn dump that has regulatory status of closing with monitoring as of January 13, 2014. Based on regulatory status and the ongoing oversight of the DTSC, this facility is not expected to have had an impact on the subject site.

4. Environmental Records Review

- LabCorp located at 351 Santa Fe Drive is over 2.9-miles northwest of the site is listed because they have a permit for hazardous waste related to medical equipment, and had the permit renewed. Due to the facility being in Encinitas and based on the topography it is not expected to have impacted the subject site.

4.2 ADDITIONAL ENVIRONMENTAL RECORDS REVIEW

In conformance with ASTM inquiry was made with the additional agencies described below.

4.2.1 Local Brownfield Lists

The 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. No brownfield sites were identified on the EnviroStor database in the radius searched for the site.

4.2.2 Local Lists of Hazardous Waste Contaminated Sites

A record search was done on the following databases: Clandestine Drug Labs, HIST Cal-Sites Historical CalSites Database, and Toxic Pits Cleanup Act Sites. San Diego Co. HMMD records were searched.

- San Elijo Hills Pump Station located at 751 Santa Helena, approximately 1/8-mile east southeast from the subject site, is listed because it has a registered underground storage tank. Based on the downgradient location of the facility, it is not expected to impact the site. No leaks were identified.

4.2.3 Local Lists of Registered Storage Tanks

A record search was done of the local lists of registered storage tanks. One registered UST site was identified with 0.25 miles of the site. The San Elijo Hills Pump Station is listed under Local List of Hazardous Waste Contaminated Sites List, section 4.2.2. Based on the downgradient location of the facility, it is not expected to impact the site.

4.2.4 HAZNET Sites

HAZNET is the Hazardous Waste Information System and Solana Vista Elementary School is listed as a HAZNET site because of asbestos containing waste that was removed from the campus in 2016 and legally manifested and transported off site.

4.2.5 High Risk Historical Records

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

4. Environmental Records Review

station, filling station, auto, automobile repair, auto service station, and dry cleaners. No historical facilities were in the search radius of the existing school site.

4.2.6 State of California Division of Oil and Gas Records

A review of California Division of Oil and Geothermal Resources (DOGGR) Well Finder indicates that there are no oil wells or oil fields in the vicinity of the existing school site. The closest oil well is located approximately 1.76-miles north northeast of the site. The well is identified as a buried and idle well that was advanced by the Cardiff Oil Co. The well was marked buried and idle on July 22, 1931.

4.2.7 Vapor Migration

The ASTM 1527-13 standard states that "for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface". Thus, this section specifies whether or not we perceive a risk of vapor migration to the subject site.

To assess a vapor migration risk a review and analysis of the site-specific environmental database report and other reasonably ascertainable records was implemented to assess whether:

1. Off-site properties have documented chlorinated volatile organic compound (VOC) contamination located within 100 feet of the subject property, or
2. Off-site properties have documented volatile petroleum hydrocarbon contamination within 30 feet of the subject property.

Based on the records review, it is unlikely that a potential source of vapor migration currently exists beneath the site from off-site properties. No chlorinated VOC contamination was identified, and underground storage tanks were not identified adjacent or within 100 feet of the project site.

4.2.8 User-Provided Information

The ASTM Standard requires disclosure in the Phase I report whether the user of the report has specialized knowledge about previous ownership or uses of the property that may be material to identifying RECs or HRECs, or whether the user has determined that the property's Title contains environmental liens or other information related to environmental condition of the property, including engineering and institutional controls and Activity and Use Limitations, as defined by ASTM. In addition, we are required by the ASTM Standard to inquire whether the user of the report has prior knowledge that the price of the property has been reduced for environmentally-related reasons.

PlaceWorks was informed by the user that to their knowledge there are no liens or other information about the environmental condition of the property in the Title. In addition, the user was not aware of specialized knowledge about previous ownership or uses of the property that may be material to identifying RECs with the exception of the information provided above and has not indicated that the price of the property has

4. Environmental Records Review

been reduced for environmentally-related reasons. The ownership of the existing school site is not being transferred and the Phase I ESA was implemented due to the reconstruction of the school.

5. Site Reconnaissance and Key Personnel Interview(s)

Site visits to observe site conditions was conducted by PlaceWorks on April 11, 2018 and February 21, 2019. No weather-related conditions or other conditions that would limit our ability to observe the site occurred during our site reconnaissance. PlaceWorks personnel observed the exterior portions of the property, including the property boundaries. Site photographs are included in Appendix C.

ASTM requires that the current site owner or Key Site Manager and user, if different from the current owner or Key Site Manager, be asked if there are any helpful documents or information that can be made available for review. These consist of environmental site assessment reports, audits, permits, tank registrations, Material Safety Data Sheets, Community Right-to-Know plans, safety plans, hydrogeologic or geotechnical reports, or hazardous waste generator reports.

5.1 CURRENT USE OF THE PROPERTY

The site is the current Solana Vista Elementary School campus with existing buildings and playfields. The school buildings, parking lot, and hardcourt area are generally at the northern half of campus and the grass playfields are at the southern. The campus currently contains 29 classrooms (9 permanent and 20 portable), a library, staff room, computer lab, hardcourt, and grass field play space with baseball fields. A visitor parking lot is located on the north side off Santa Victoria and the staff parking lot is located on the eastern portion of the site.

5.2 SITE VISIT OBSERVATIONS

5.2.1 General Description of Structures

780 Santa Victoria is the site of Solana Vista Elementary School. The school buildings are well maintained stucco and wood buildings and portables. The site is surrounded by a chain-link fence that is covered in vegetation on the south and west side of the site.

5.2.2 Heating and Cooling System

The onsite buildings have central heating and air conditioning.

5.2.3 Potable Water Supply and Sewage Disposal System or Septic Systems

Potable water is supplied by the Santa Fe Irrigation District. The site is connected to the local sewer system. Sewage disposal systems are provided by the City of Solana Beach in cooperation with the San Elijo Water Reclamation Facility.

5. Site Reconnaissance and Key Personnel Interview(s)

5.2.4 Use of Petroleum Products and Hazardous Materials

Use of hazardous materials was not observed at the subject site.

5.2.5 Storage of Petroleum Products and Hazardous Materials (Storage Tanks, Drums)

No storage of petroleum products or hazardous materials was observed at the subject site.

5.2.6 Disposal of Petroleum Products and Hazardous Materials

No evidence of disposal of petroleum products or hazardous materials was observed at the subject site.

5.2.7 Vehicle Maintenance Lifts

No vehicle maintenance lifts were observed at the subject site.

5.2.8 Emergency Generators and Sprinkler System Pumps

No sprinkler system pumps were observed on the subject site.

5.2.9 Polychlorinated Biphenyls (PCBs) Associated with Electrical or Hydraulic Equipment

No electrical or hydraulic equipment with PCBs was observed on the subject site. Based on the information above, PCBs are not expected to have impacted the subject site.

5.2.10 Floor Drain and Sumps

No outdoor sumps were observed at the site.

5.2.11 Catch Basins

No catch basins were observed at the subject site.

5.2.12 Dry Wells

No dry wells were observed at the subject site.

5.2.13 Pits, Ponds, Lagoons, and Pools of Liquid

No pits, ponds, lagoons, or pools of liquid were observed at the subject site.

5. Site Reconnaissance and Key Personnel Interview(s)

5.2.14 Odors

Petroleum hydrocarbon odors were not noted at the site.

5.2.15 Stains or Corrosion on Floors, Walls, or Ceilings

No unusual staining or corrosion was observed on the subject site.

5.2.16 Stained Soil or Pavement

No stained soil or pavement was observed at the subject site.

5.2.17 Stressed Vegetation

No stressed vegetation was observed at the subject site.

5.2.18 Solid Waste and Evidence of Waste Filling

No solid waste disposal or evidence of waste filling was observed on the subject site.

5.2.19 Wastewater and Stormwater Discharge

No wastewater discharge was observed on the subject site. Stormwater is expected to exit the subject site via overland flow to local roadways and creeks.

5.2.20 Monitoring, Water Supply, or Irrigation Wells

No monitoring, water supply or irrigation wells were observed at the subject site.

5.2.21 Non-Scope Considerations

No railroad tracks are located within 1,500 feet of the subject site.

5.3 INTERVIEWS

A questionnaire was completed by Caroline J. Brown, Executive Director, Capital Programs and Technology for Solana Beach School District on June 28, 2018. Caroline Brown was not aware of any leaks, spills or discharges of hazardous materials to the site or adjacent to the site. She was not aware of any environmental cleanup liens against the properties nor was she aware of any land use limitations due to environmental issues. She was also not aware of any environmental cleanups, spills, or chemical releases that may have occurred on the project site. The questionnaire is included in Appendix D.

5. Site Reconnaissance and Key Personnel Interview(s)

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6. Data Gap Identification

Adjacent land owners were not interviewed for this Phase I Environmental Site Assessment. Chain-of-title documentation was not reviewed so it could not be ascertained if the complete title report contains environmental liens or other information related to environmental condition of the property. However, the database search contained in Appendix B indicates that the site is not on the Recorded Environmental Cleanup Liens database which is maintained by the DTSC and contains a listing of liens placed upon real properties. The site is also not listed on the DTSC's Deed Restriction database which lists sites with DTSC with restricted land use. The site is not listed on NPL Liens, a database the EPA maintains on real property, in order to recover remedial action expenditures when the property owner has received notification of potential liability.

6. Data Gap Identification

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7. Findings and Conclusions

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) on behalf of Solana Beach School District (District) for the proposed reconstruction of Solana Vista Elementary School (site), located at 780 Santa Victoria in the City of Solana Beach, San Diego County, California (Figures 1 and 2). The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the “environmental risk” associated with the site, as defined in the ASTM E 1527-13 Standard and discussed in the Introduction section of this report. The Phase I also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites.

The 10-acre Solana Beach Elementary School campus is identified with Assessor’s Parcel Number [APN] 263-291-3400 and 263-291-3300. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of Solana Beach, San Diego County. The site is in a residential neighborhood. The site is bounded by Santa Victoria to the north and San Patricio Drive to the south. Figure 2 shows the local vicinity and Figure 3 the current conditions of the existing school site. Regional access to the site is provided by San Diego Freeway (Interstate-5), approximately 0.434-mile west of the site. The Lomas Santa Fe Golf Course and Country Club is located to the east and to the north is the San Elijo Lagoon.

Solana Beach Elementary School was constructed in 1971 and was modernized in 2000. The reconstruction of Solana Vista Elementary School entails the complete demolition of the existing school and construction of new classroom facilities, a parking lot, and play areas. The new classroom buildings are planned to be constructed in the area of the existing buildings near the northern portion of the site.

The objective of a Phase I is to assess whether “recognized environmental conditions” (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the subject site. Our conclusions are intended to help the user evaluate the “business environmental risk” associated with the subject site. Our opinion regarding an REC’s potential impact on the subject site is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, and our experience evaluating similar sites.

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

The ASTM E 1527-13 Standard defines an REC in part as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.”

7. Findings and Conclusions

No RECs were identified for the site.

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

The ASTM E 1527-13 Standard defines an HREC as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

No HREC were identified for the site.

CONTROLLED RECS ENVIRONMENTAL CONDITIONS

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

“a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

This assessment has revealed no evidence of CRECs in connection with the project site following the ASTM standard.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL PROTOCOL

Based on a review of historical evidence, the site remained undeveloped vacant land until approximately 1971 when the current school was constructed. The school site was not used for agriculture and there were no identified structures on the school site prior to 1971. Based on the DTSC’s *Interim Guidance, Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 9, 2006, PlaceWorks recommended testing the areas of overlap between old construction and planned new construction for potential lead from lead-based paint and organochlorine pesticides from possible termiticide usage around the existing buildings.

A Phase I Addendum was conducted for the project site and is included in Appendix D. The Phase I Addendum found that pesticides were not detected and lead levels at the site do not exceed DTSC or EPA regional screening levels. Lead concentrations were within typical background concentrations for lead in soil and does not pose a hazard to human health.

7. Findings and Conclusions

SUMMARY

Based on the results of this assessment, REC, CRECs, and HRECs were not identified for the project site. PlaceWorks implemented testing around the existing structures as recommended in DTSC guidance for school sites for potential lead from lead-based paint and organochlorine pesticides from possible termiticide usage around the existing buildings. The test results are presented in the Phase I Addendum in Appendix D which did not find elevated concentrations of organochlorine pesticides or lead.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid waste disposal site. Based on site inspection and information reviewed for preparation of this report, the existing school site is not located on a current or former disposal site.

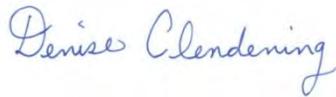
7. Findings and Conclusions

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8. Credentials

We declare to the best of our professional knowledge and belief, that we meet the definition of Environmental Professional as defined in the ASTM Standard. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Qualifications information for the project personnel is provided in Appendix E.



Denise Clendening, Ph.D.
Associate Principal



Michael Watson, PG 8177
Project Geologist

8. Credentials

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9. References

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9. References

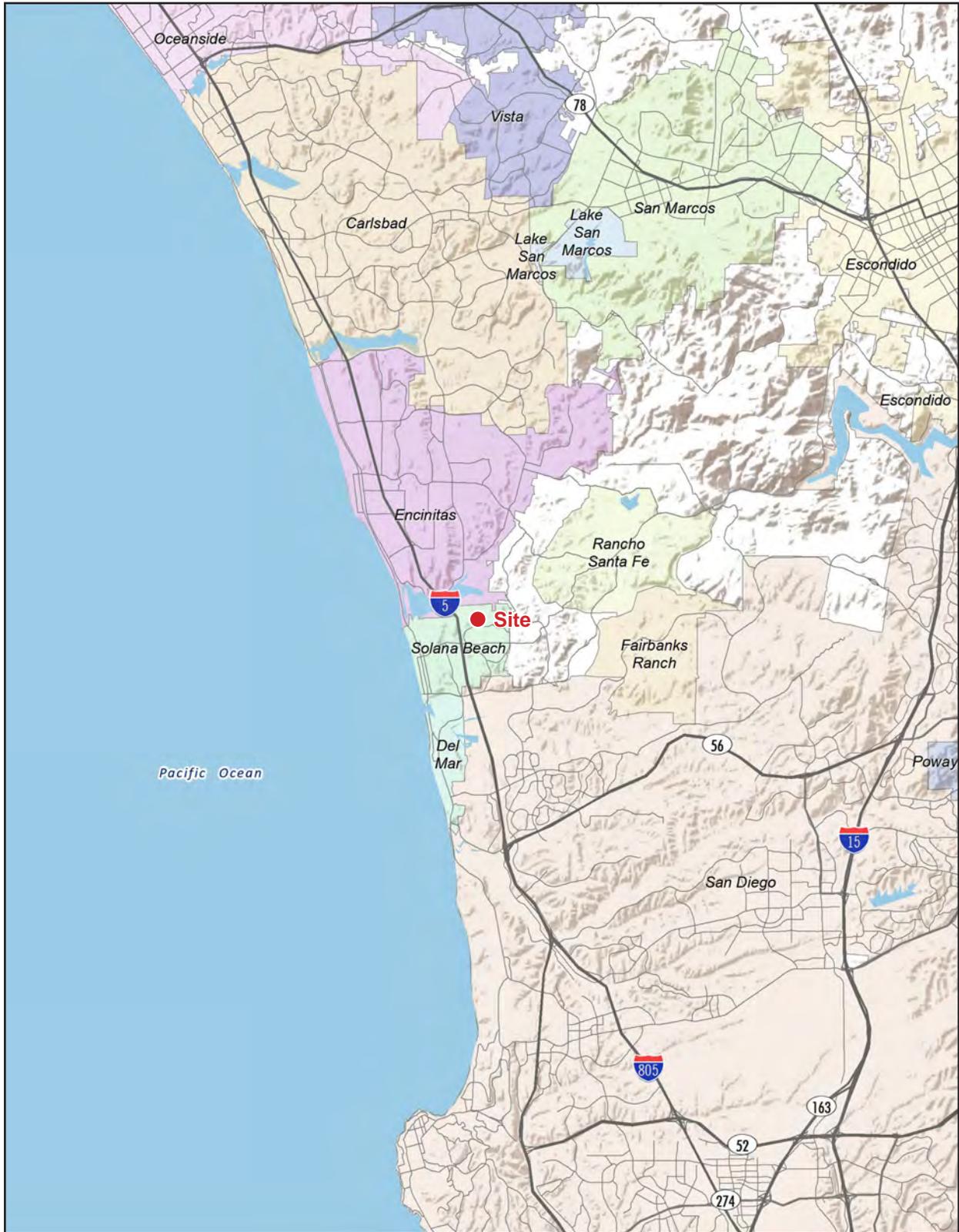
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Figures

Figures

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Figure 1 - Regional Location

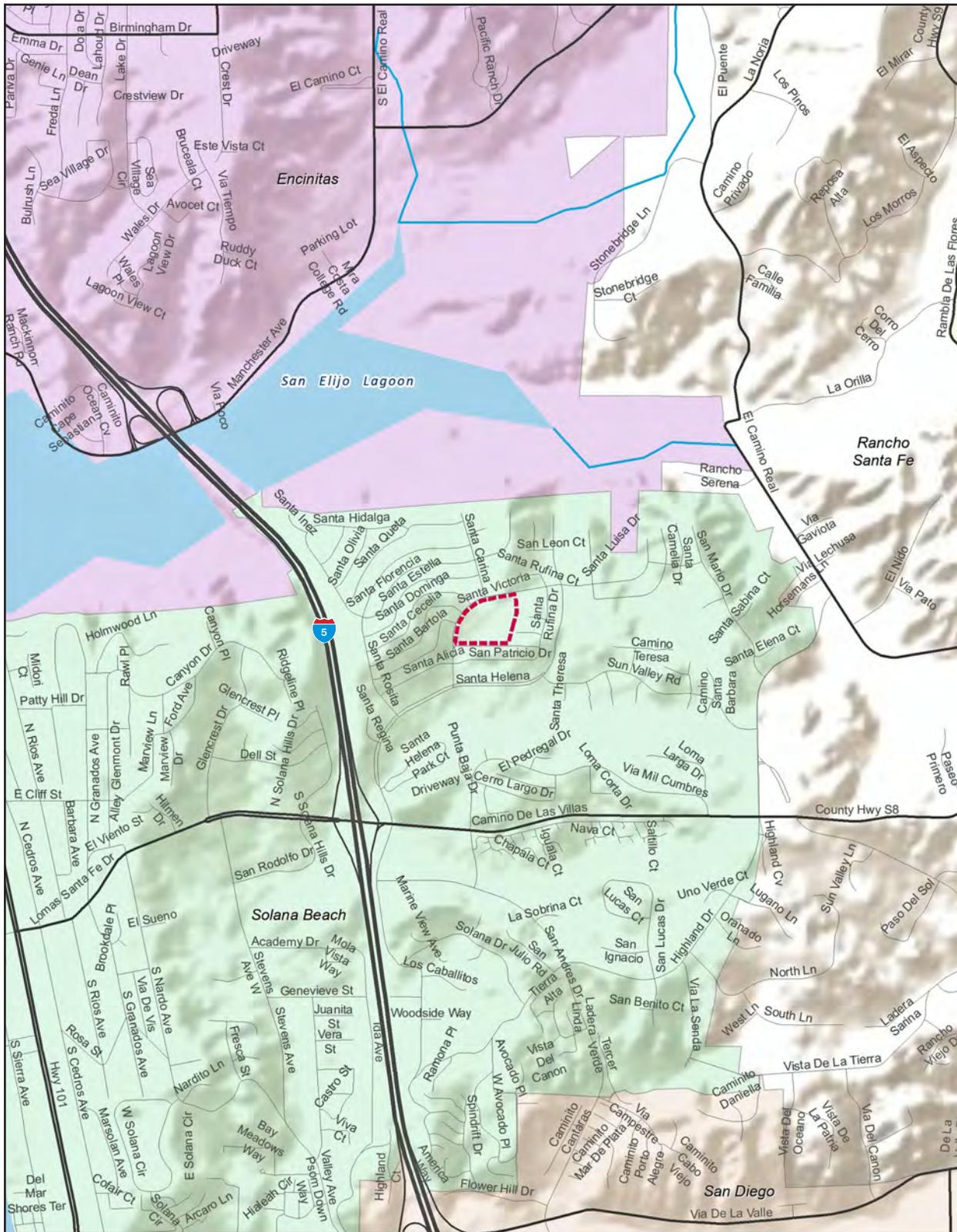


Note: Unincorporated county areas are shown in white.



Source: ESRI, 2018

Figure 2 - Local Vicinity



Note: Unincorporated county areas are shown in white.

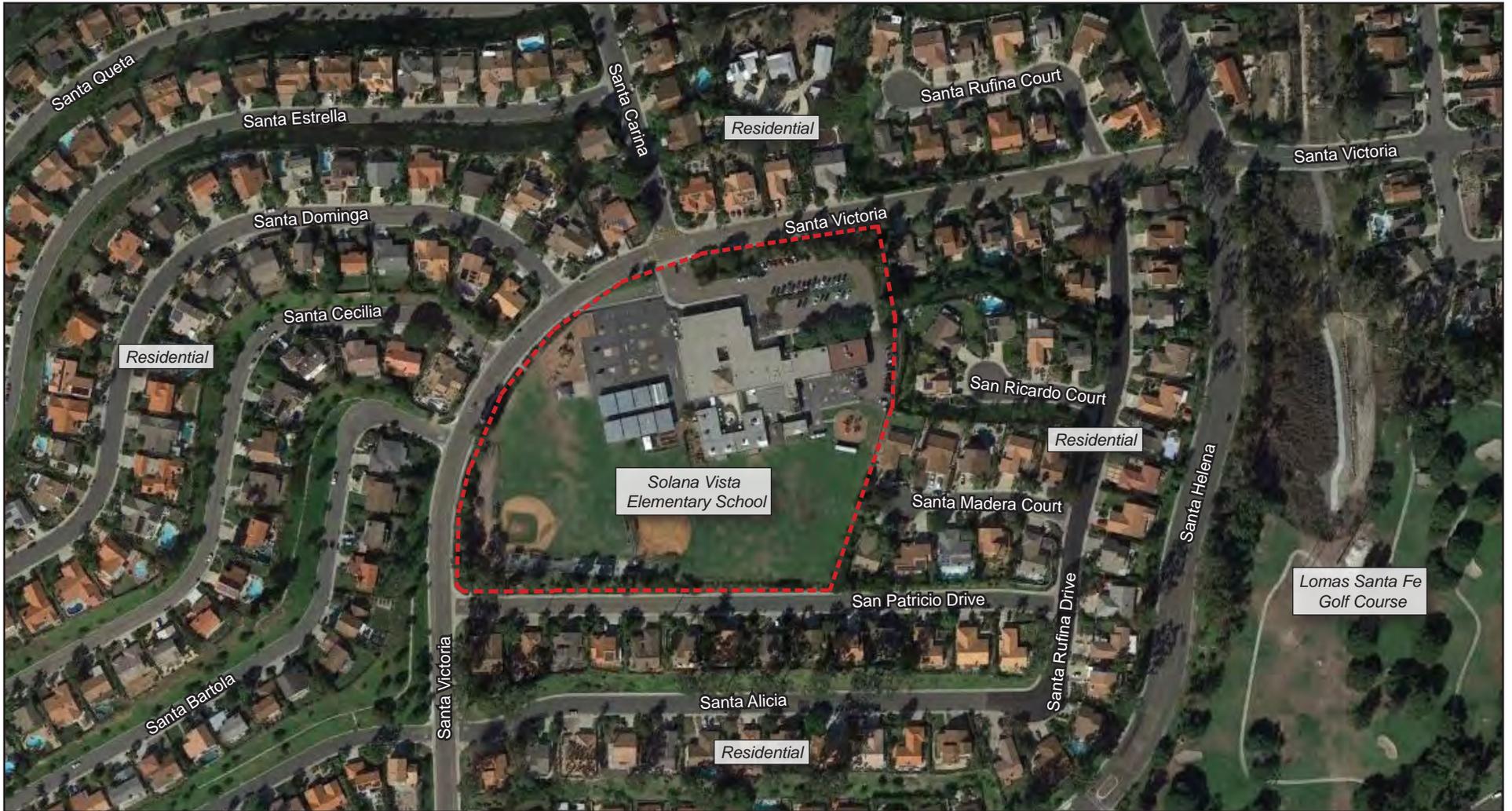
--- Project Site

Source: ESRI, 2018

0 2,000
 Scale (Feet)

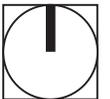


Figure 3 - Aerial Photograph



----- Project Site

0 500
Scale (Feet)



Source: Google Earth, 2016

Appendix A. Research Documentation

Appendix

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Solana Vista ES

780 Santa Victoria

Solana Beach, CA 92075

Inquiry Number: 5264534.9

April 20, 2018

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

04/20/18

Site Name:

Solana Vista ES
780 Santa Victoria
Solana Beach, CA 92075
EDR Inquiry # 5264534.9

Client Name:

PlaceWorks
3 MacArthur Place Suite 1100
Santa Ana, CA 92707
Contact: Denise Clendening



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1979	1"=500'	Flight Date: January 27, 1979	EDR Proprietary Landiscor
1970	1"=500'	Flight Date: March 06, 1970	EDR Proprietary Landiscor
1966	1"=500'	Flight Date: November 02, 1966	USGS
1964	1"=500'	Flight Date: April 08, 1964	USDA
1953	1"=500'	Flight Date: April 14, 1953	USDA
1949	1"=500'	Flight Date: February 16, 1949	USDA
1946	1"=500'	Flight Date: December 30, 1946	USGS
1939	1"=500'	Flight Date: April 16, 1939	USDA
1928	1"=500'	Flight Date: November 01, 1928	USGS

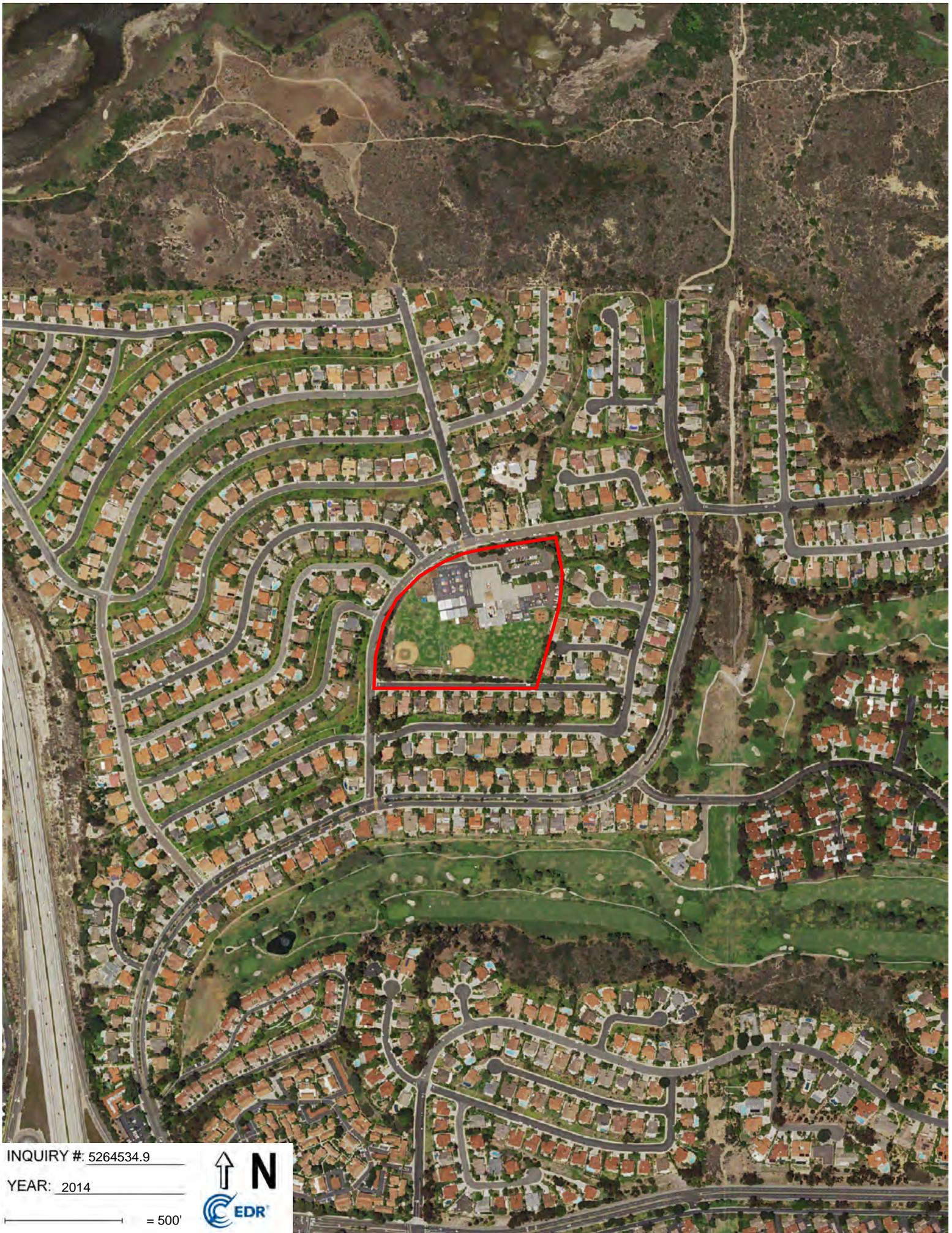
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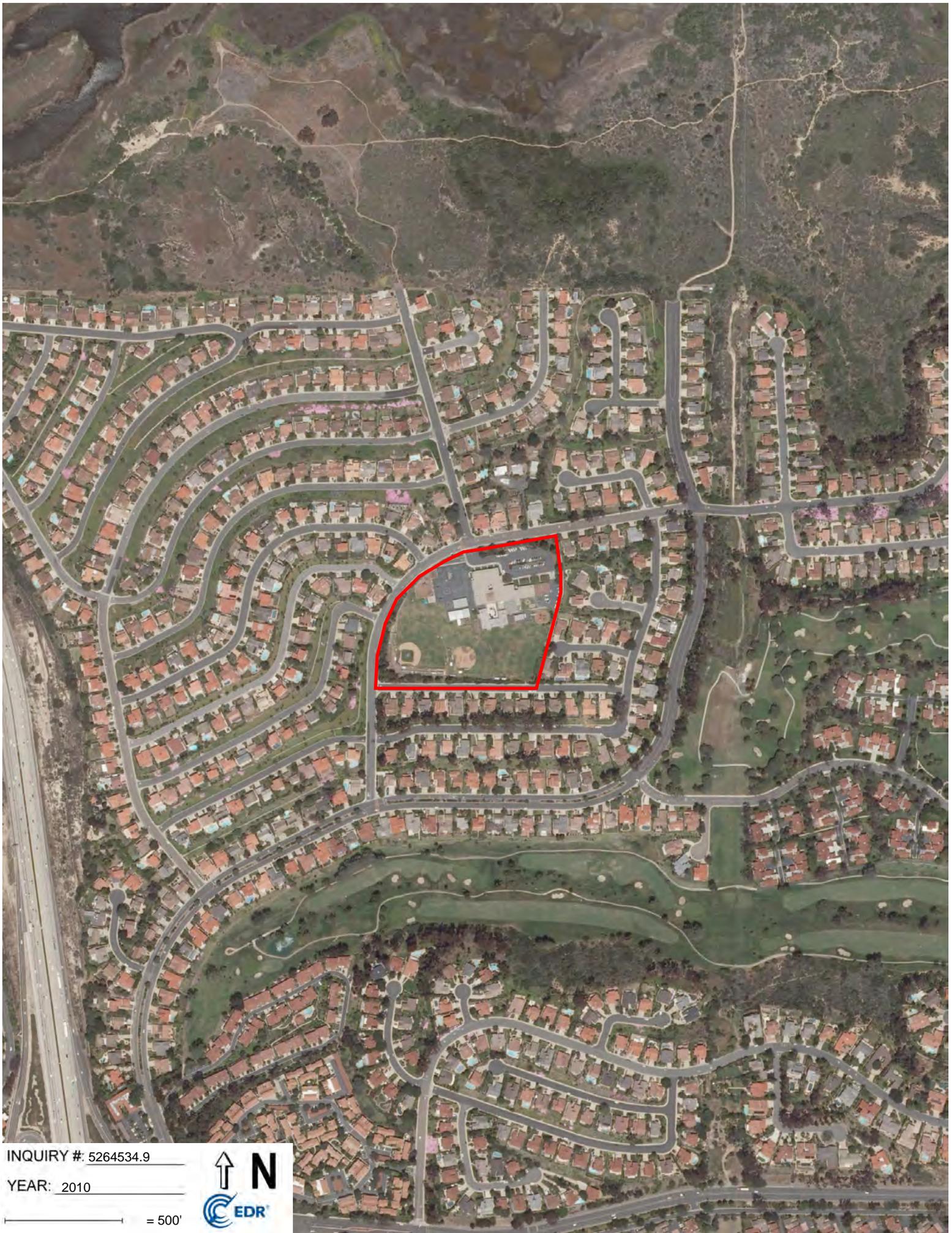


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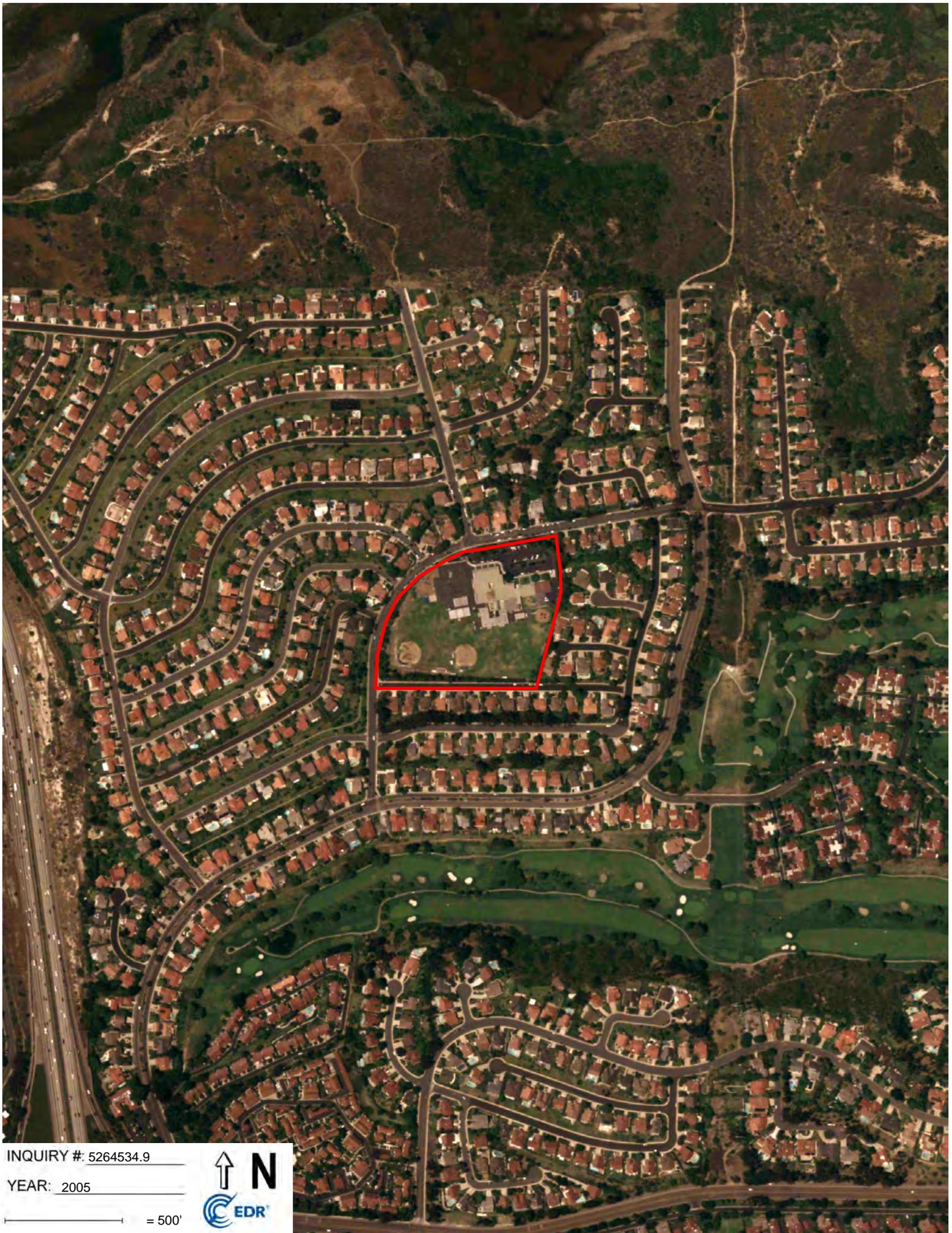


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YEAR: 2010

— = 500'





INQUIRY #: 5264534.9

YEAR: 2005

— = 500'





INQUIRY #: 5264534.9

YEAR: 1994

— = 500'





INQUIRY #: 5264534.9

YEAR: 1990

— = 500'





INQUIRY #: 5264534.9

YEAR: 1989

— = 500'





INQUIRY #: 5264534.9

YEAR: 1985

— = 500'





INQUIRY #: 5264534.9

YEAR: 1979

— = 500'





INQUIRY #: 5264534.9

YEAR: 1970

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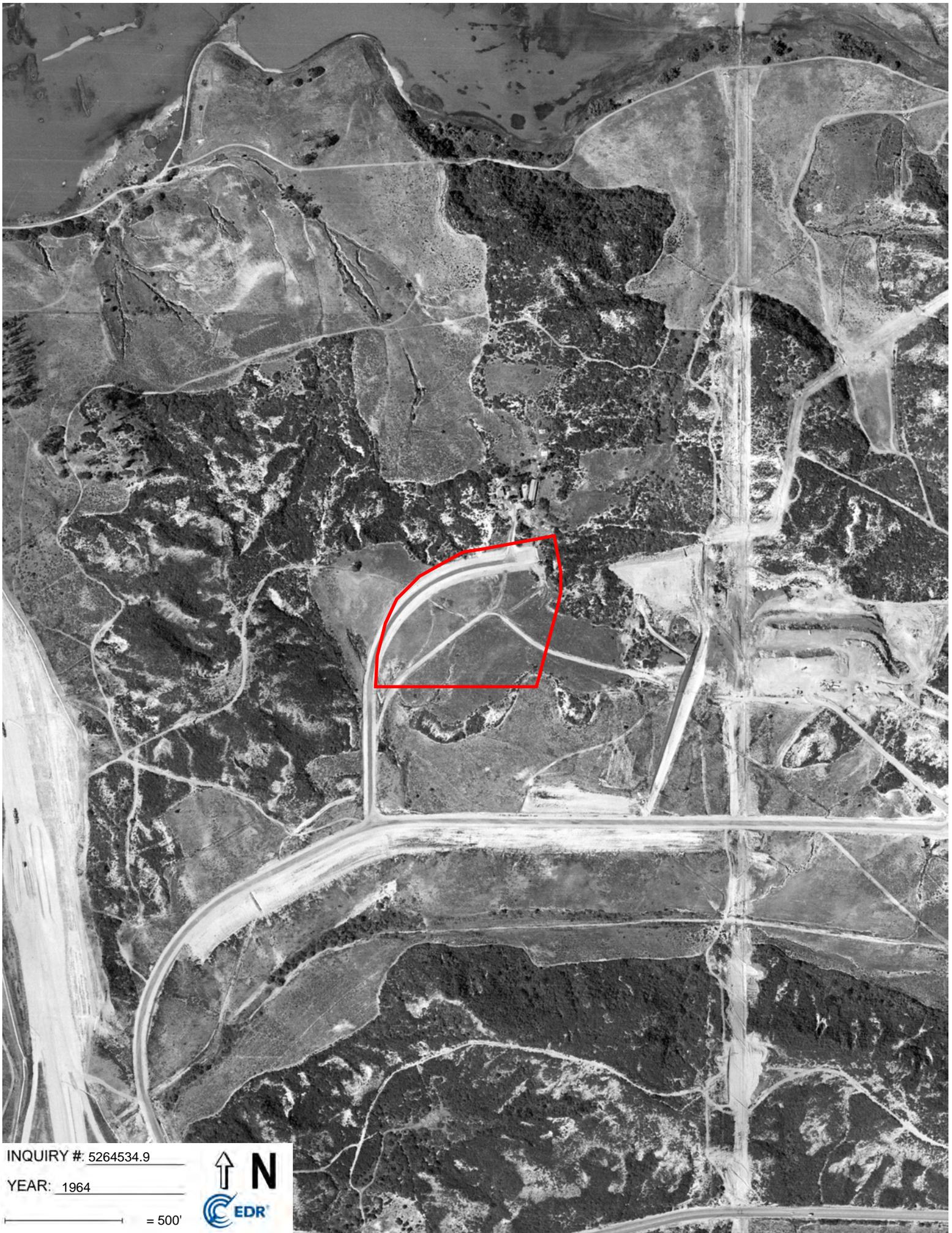


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YEAR: 1964

— = 500'



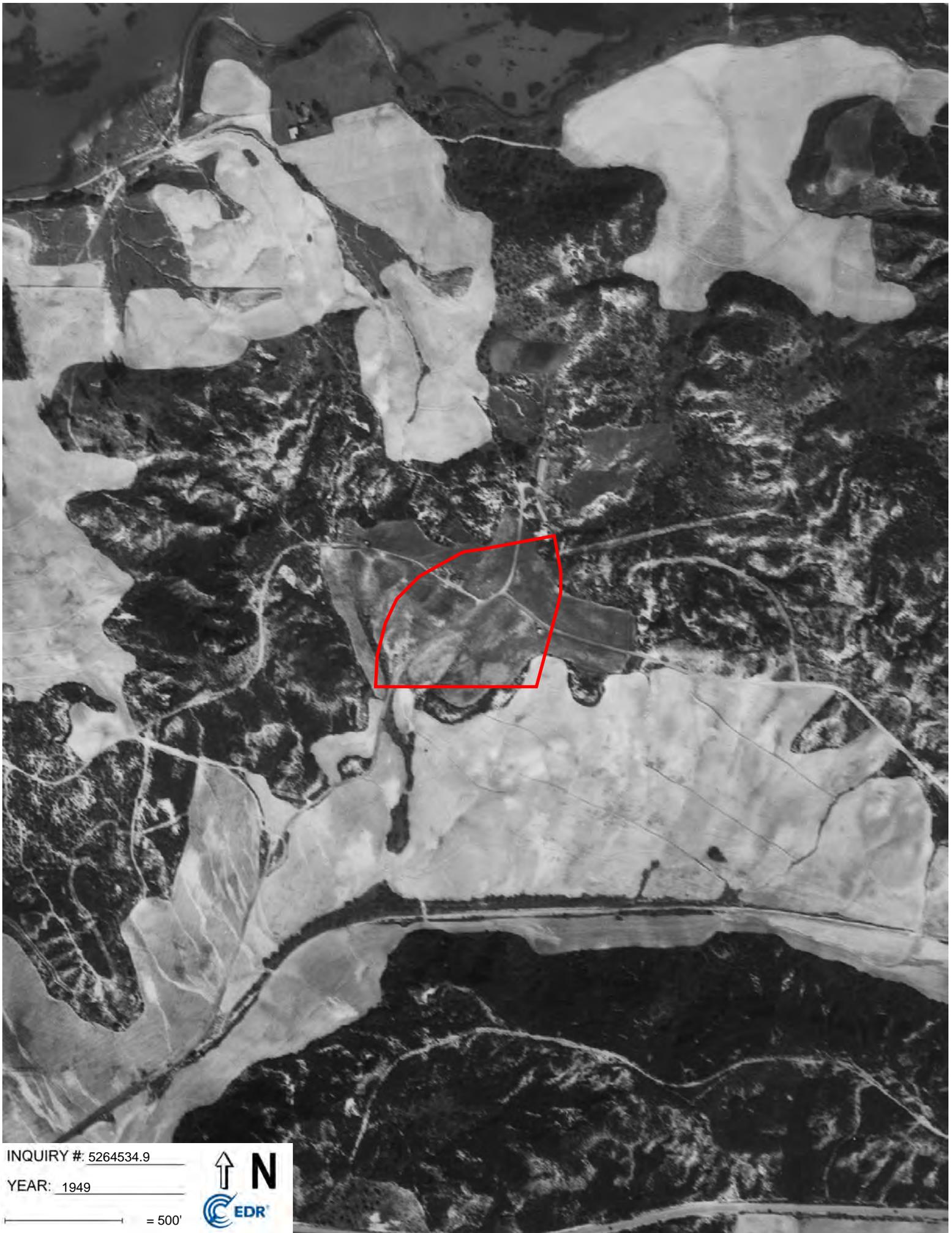


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INQUIRY #: 5264534.9

YEAR: 1949

— = 500'





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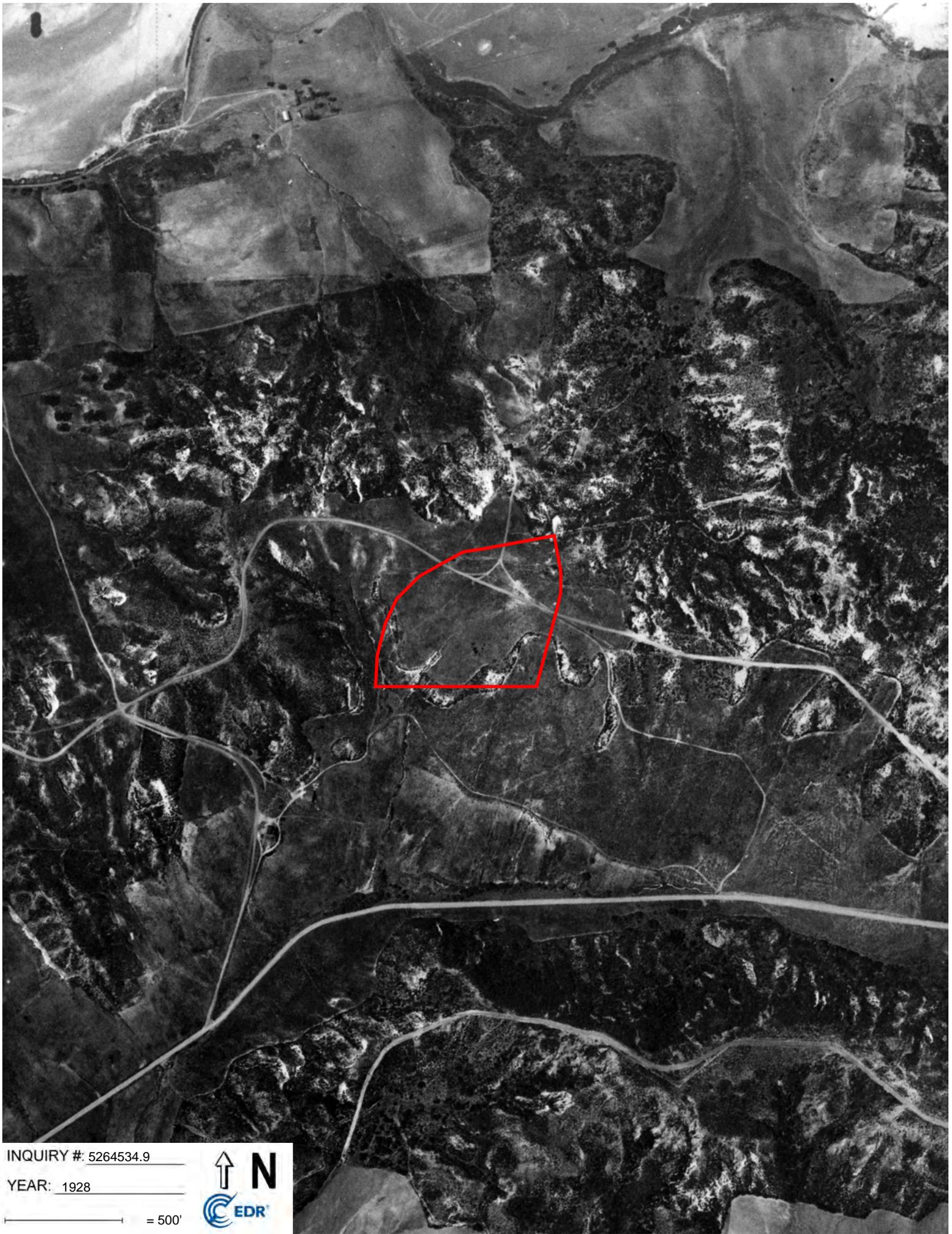


INQUIRY #: 5264534.9

YEAR: 1939

— = 500'





INQUIRY #: 5264534.9

YEAR: 1928

— = 500'





Solana Vista ES

780 Santa Victoria

Solana Beach, CA 92075

Inquiry Number: 5264534.4

April 19, 2018

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

04/19/18

Site Name:

Solana Vista ES
780 Santa Victoria
Solana Beach, CA 92075
EDR Inquiry # 5264534.4

Client Name:

PlaceWorks
3 MacArthur Place Suite 1100
Santa Ana, CA 92707
Contact: Denise Clendening



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by PlaceWorks were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	SBSD-05.0	Latitude:	33.004038 33° 0' 15" North
Project:	Solana Vista ES	Longitude:	-117.250651 -117° 15' 2" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	476586.26
		UTM Y Meters:	3651762.49
		Elevation:	252.26' above sea level

Maps Provided:

2012	1901, 1903
1994, 1996, 1997	1898
1983	1893
1975	
1967, 1968	
1949, 1953	
1948	
1947	

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Topo Sheet Key

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

2012 Source Sheets



Rancho Santa Fe
2012
7.5-minute, 24000



Encinitas
2012
7.5-minute, 24000



Del Mar OE W
2012
7.5-minute, 24000



Del Mar
2012
7.5-minute, 24000

1994, 1996, 1997 Source Sheets



Del Mar
1994
7.5-minute, 24000
Aerial Photo Revised 1994



Rancho Santa Fe
1996
7.5-minute, 24000
Aerial Photo Revised 1996



Encinitas
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1983 Source Sheets



Rancho Santa Fe
1983
7.5-minute, 24000
Aerial Photo Revised 1980

1975 Source Sheets



Del Mar
1975
7.5-minute, 24000
Aerial Photo Revised 1966



Encinitas
1975
7.5-minute, 24000
Aerial Photo Revised 1975

Topo Sheet Key

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

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Del Mar
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Aerial Photo Revised 1966



Rancho Santa Fe
1968
7.5-minute, 24000
Aerial Photo Revised 1967

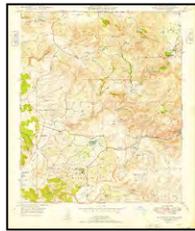


Encinitas
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1949, 1953 Source Sheets



Encinitas
1949
7.5-minute, 24000
Aerial Photo Revised 1947



Rancho Santa Fe
1949
7.5-minute, 24000
Aerial Photo Revised 1947



Del Mar
1953
7.5-minute, 24000
Aerial Photo Revised 1950

1948 Source Sheets



Encinitas
1948
7.5-minute, 24000
Aerial Photo Revised 1947

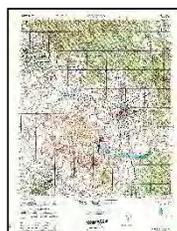


Rancho Santa Fe
1948
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets



OCEANSIDE
1947
15-minute, 50000



ESCONDIDO
1947
15-minute, 50000

Topo Sheet Key

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

1901, 1903 Source Sheets



Oceanside
1901
15-minute, 62500



Escondido
1901
15-minute, 62500



La Jolla
1903
15-minute, 62500

1898 Source Sheets



Oceanside
1898
15-minute, 62500

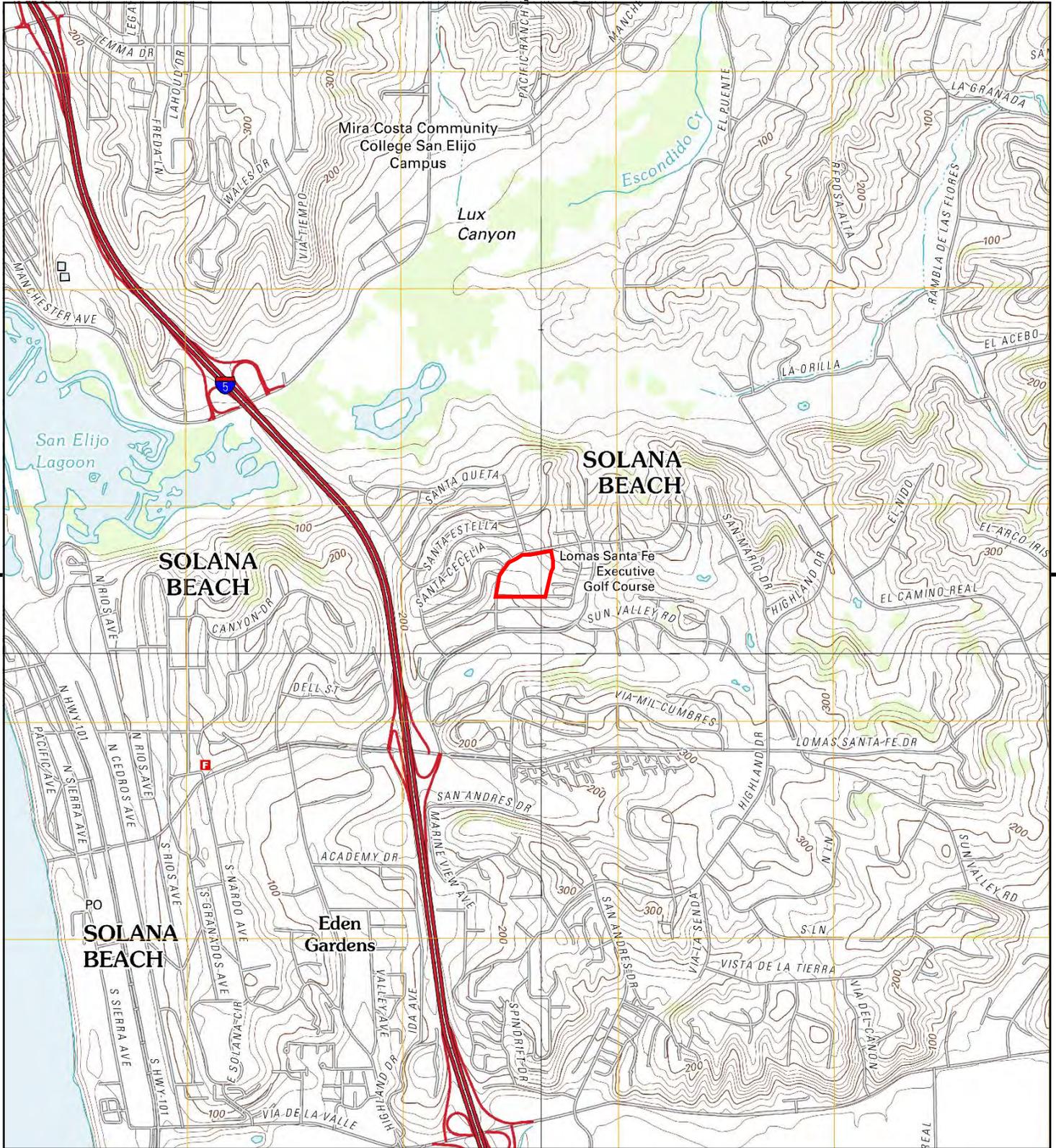
1893 Source Sheets



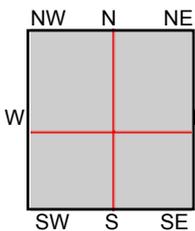
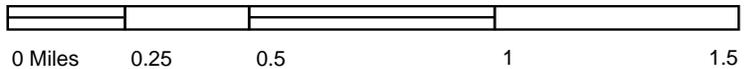
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1893
15-minute, 62500



Oceanside
1893
15-minute, 62500



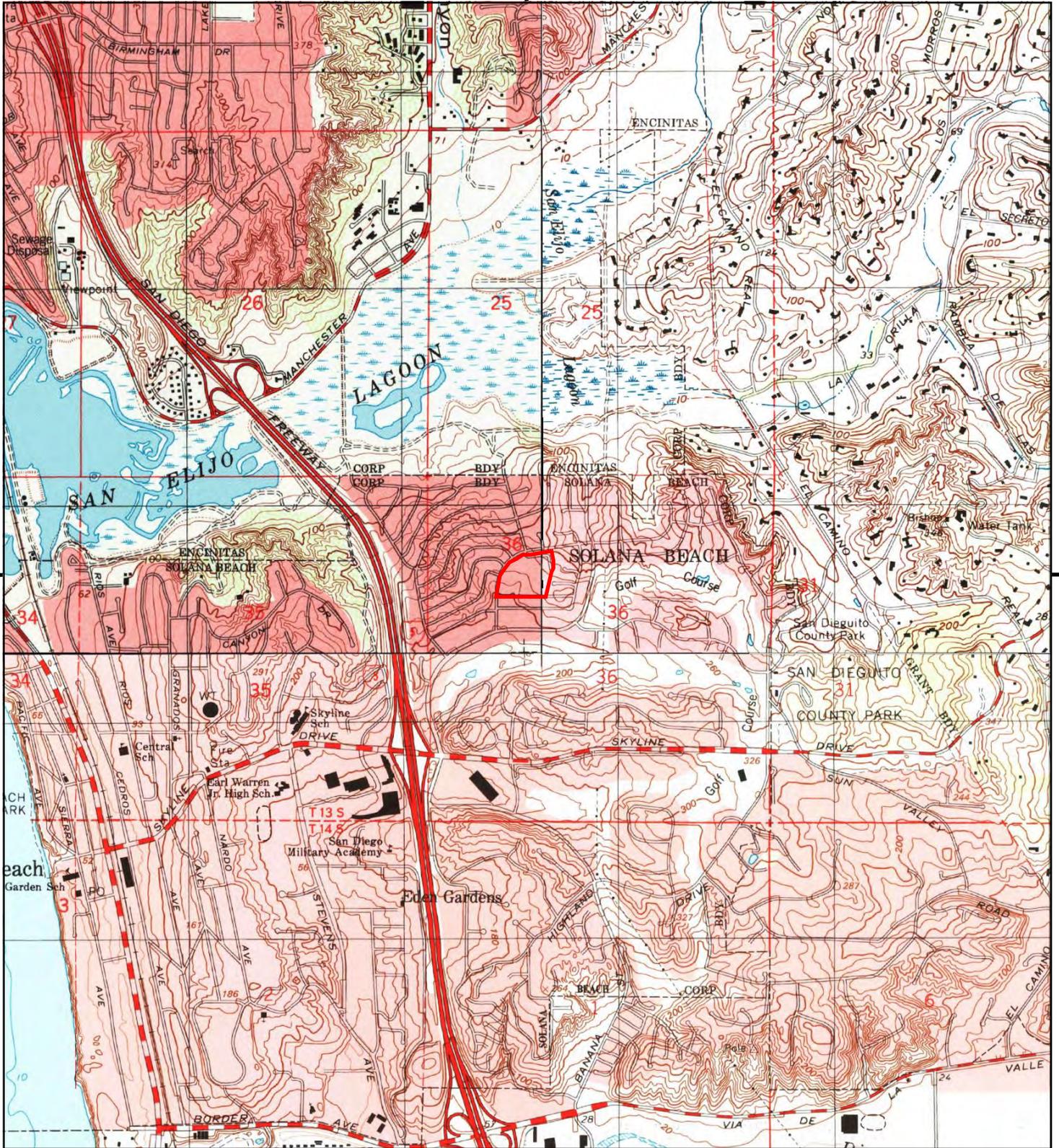
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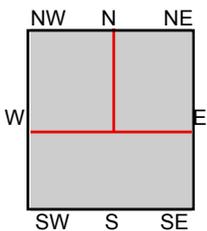
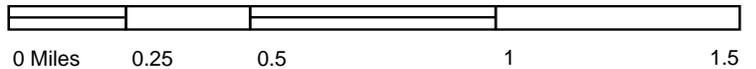
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 NE, Rancho Santa Fe, 2012, 7.5-minute
 SE, Del Mar, 2012, 7.5-minute
 SW, Del Mar OE W, 2012, 7.5-minute

SITE NAME: Solana Vista ES
ADDRESS: 780 Santa Victoria
 Solana Beach, CA 92075
CLIENT: PlaceWorks





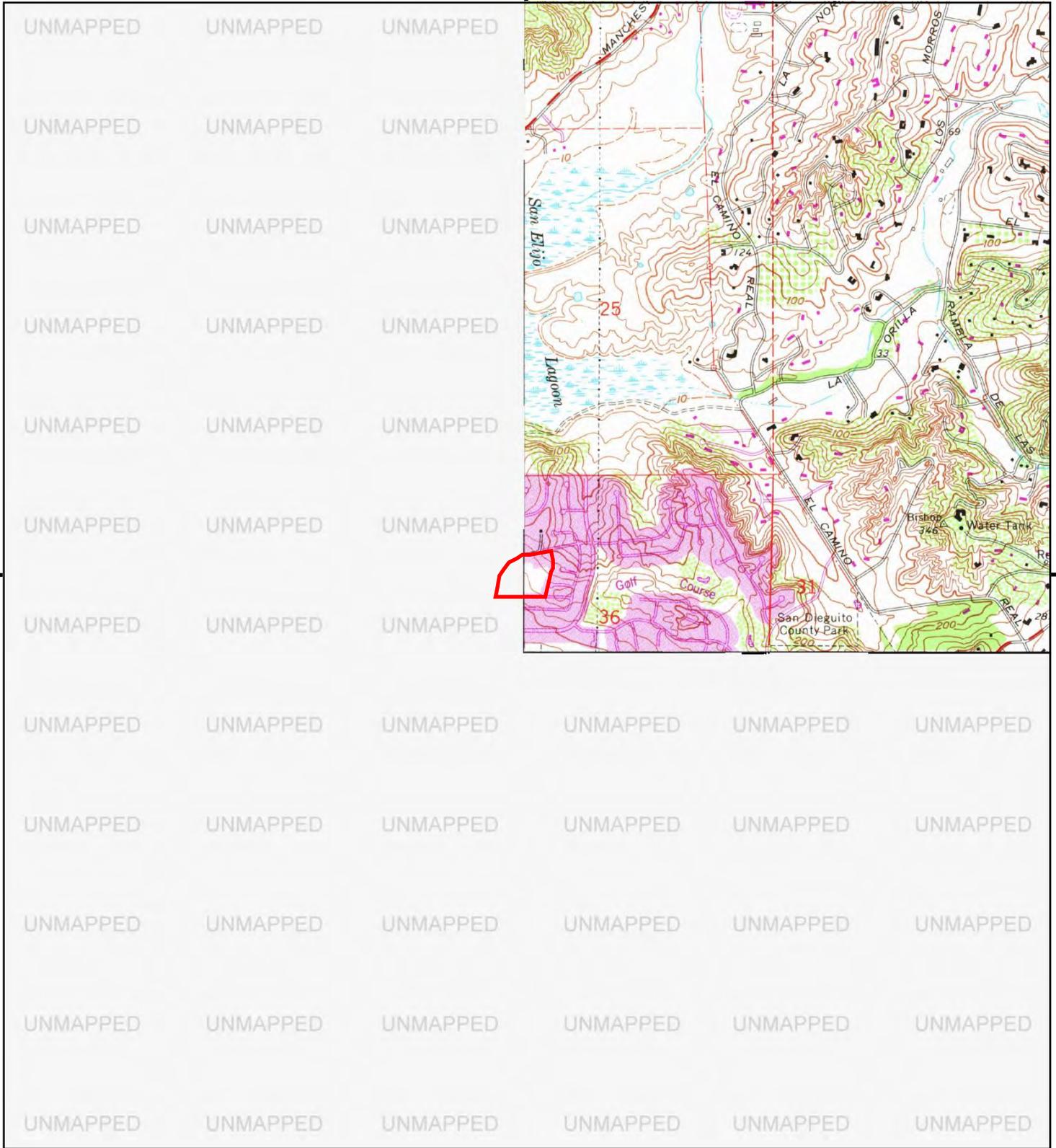
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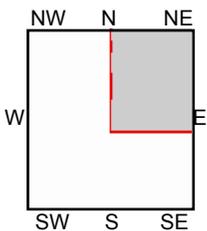
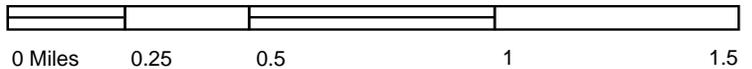
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ADDRESS: 780 Santa Victoria
 Solana Beach, CA 92075
CLIENT: PlaceWorks





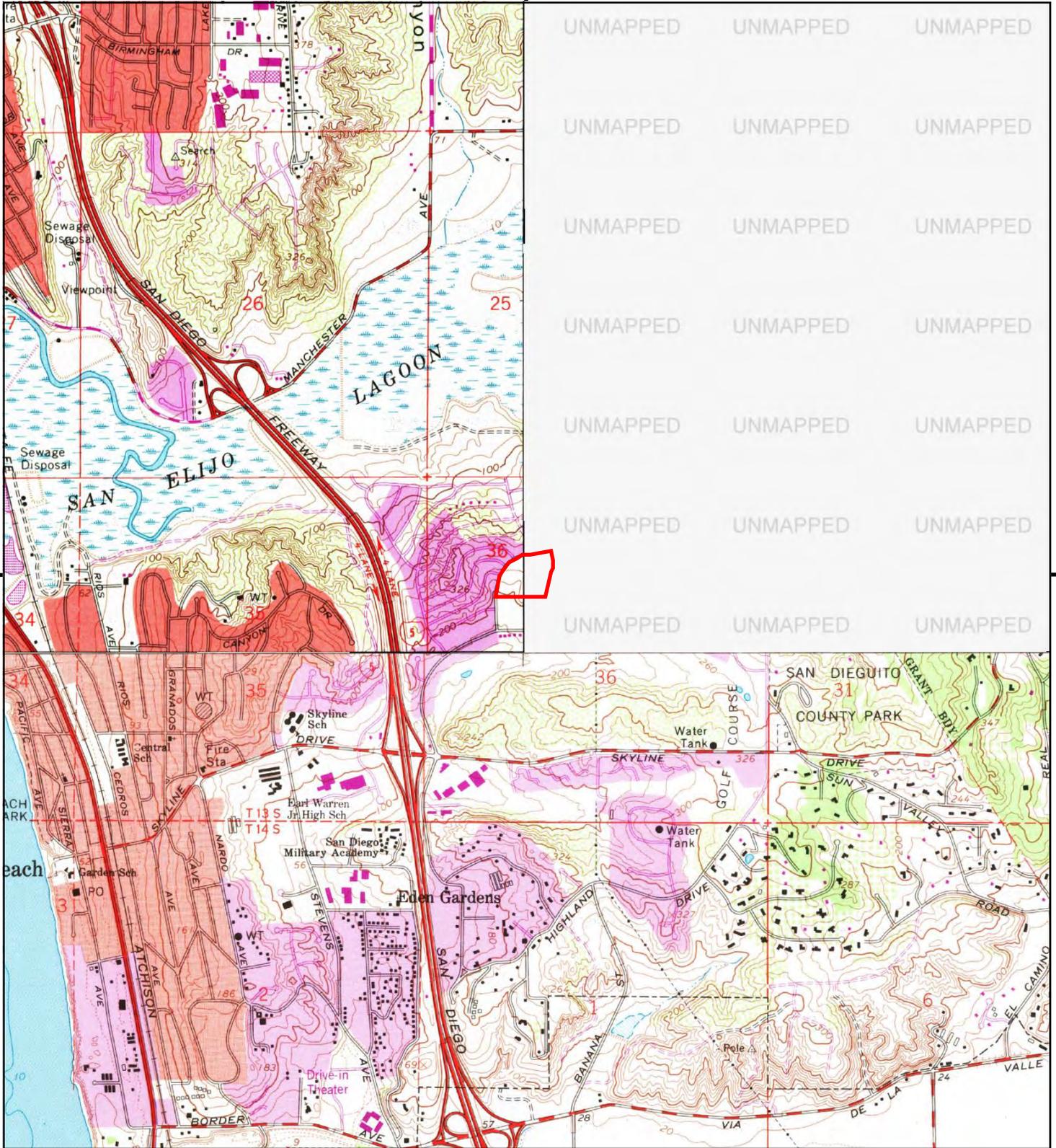
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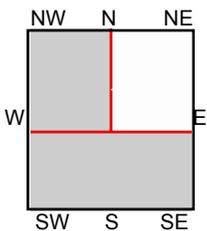
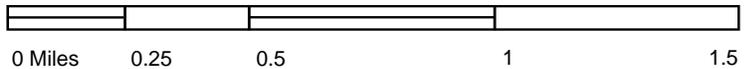
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ADDRESS: 780 Santa Victoria
 Solana Beach, CA 92075
CLIENT: PlaceWorks





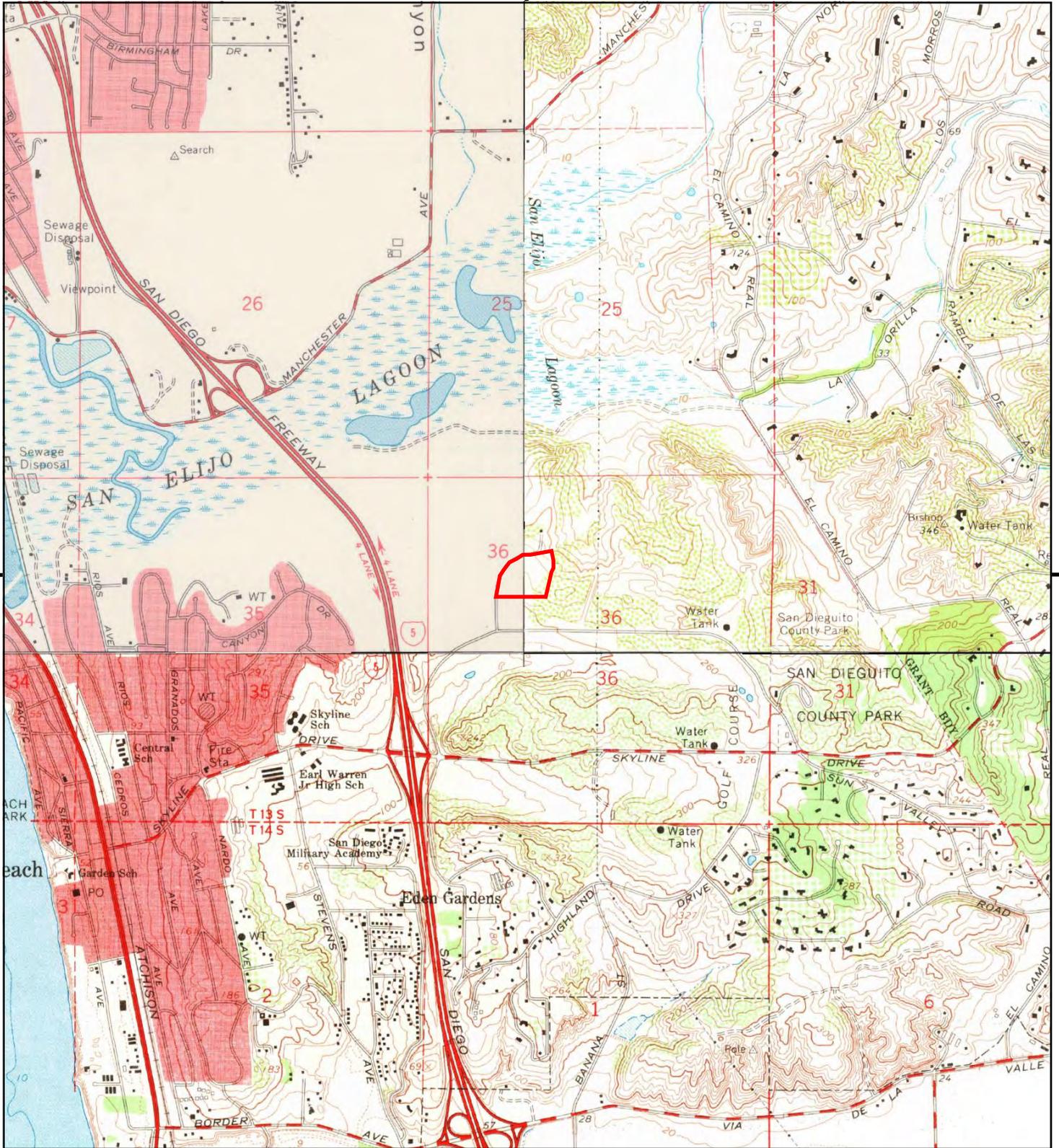
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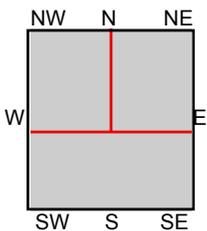
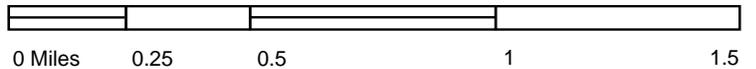
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Solana Beach, CA 92075
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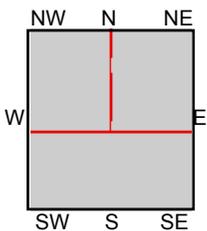
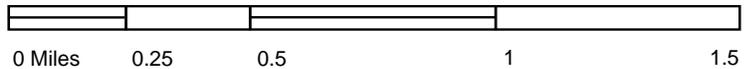
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ADDRESS: 780 Santa Victoria
Solana Beach, CA 92075
CLIENT: PlaceWorks





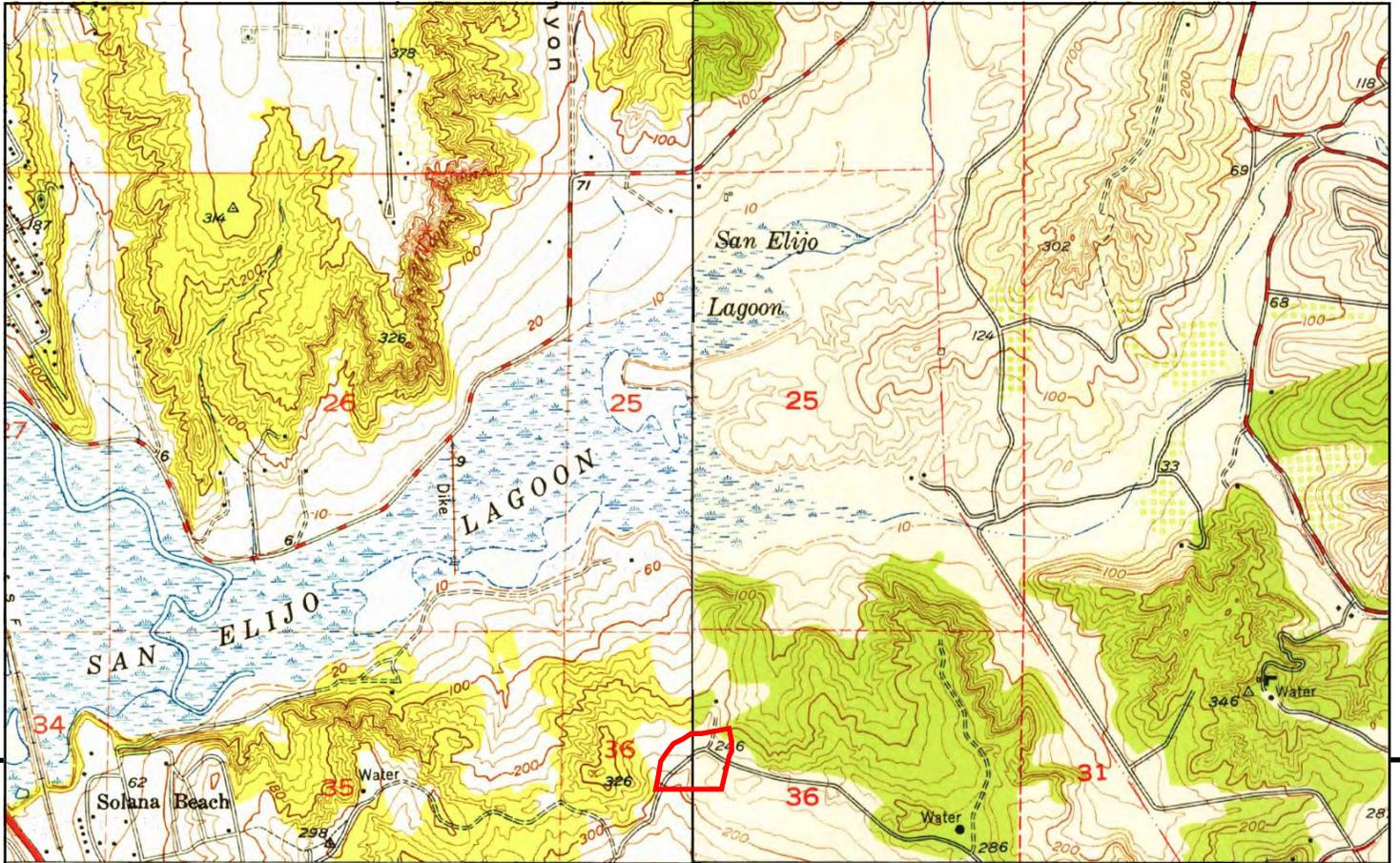
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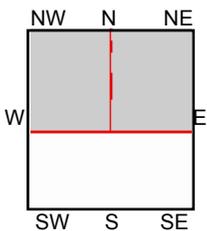
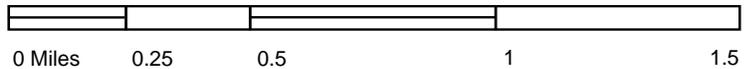
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 Solana Beach, CA 92075
CLIENT: PlaceWorks





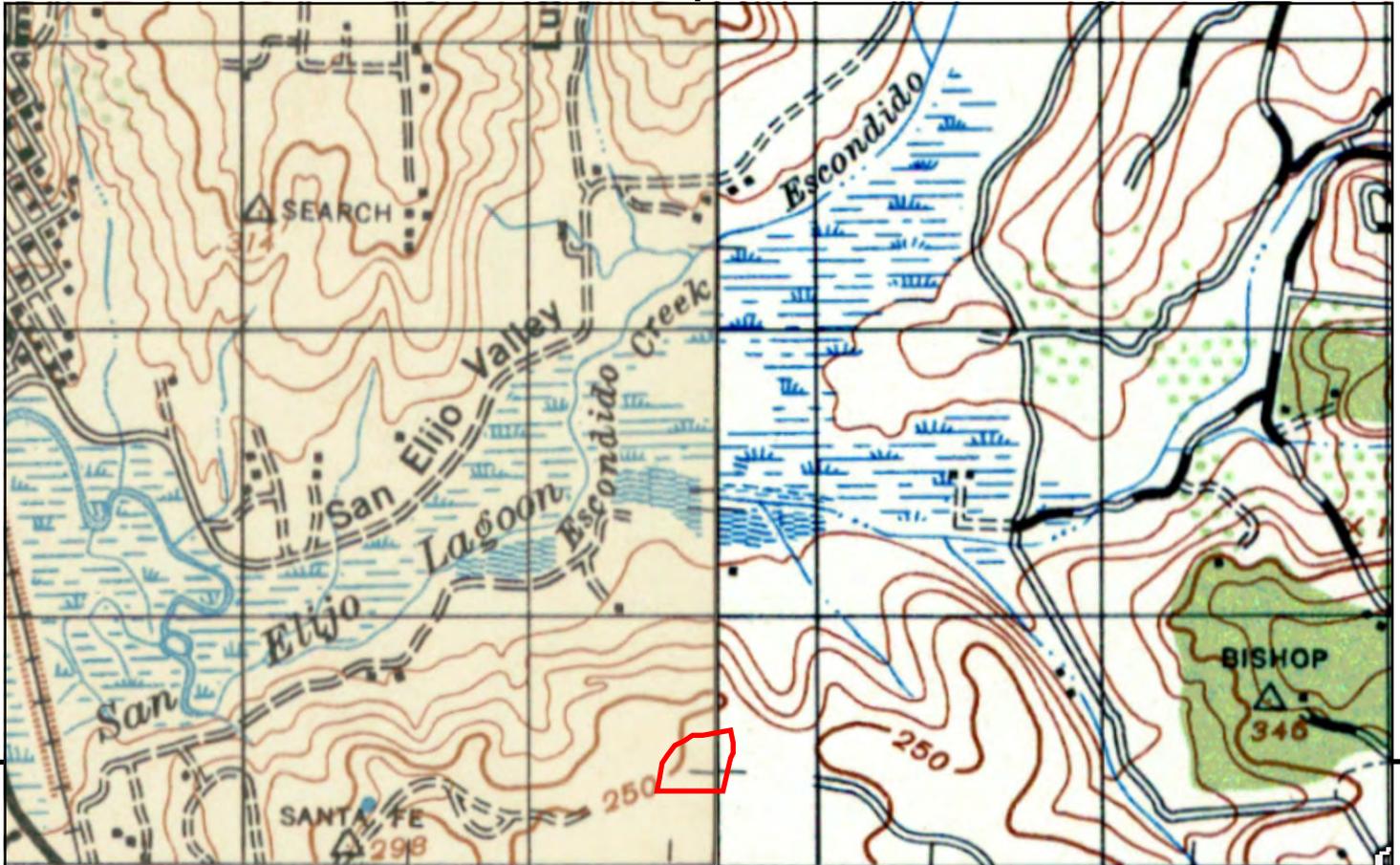
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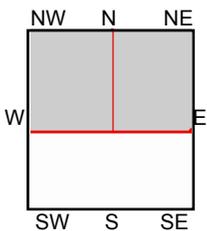
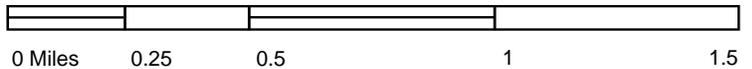
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ADDRESS: 780 Santa Victoria
Solana Beach, CA 92075
CLIENT: PlaceWorks





UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED
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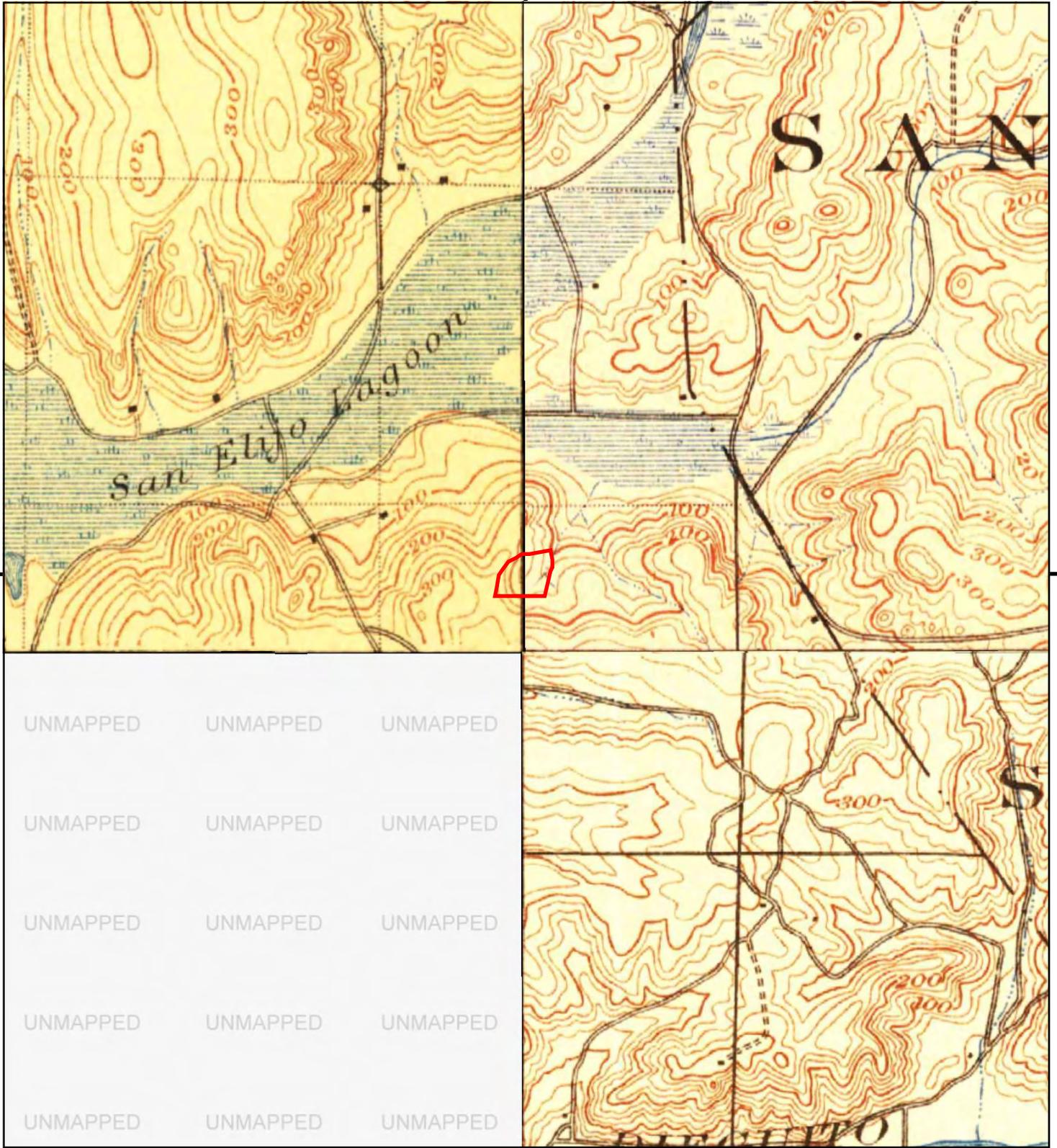
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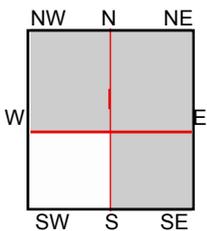
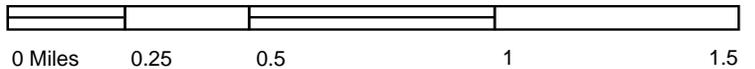
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NE, ESCONDIDO, 1947, 15-minute

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ADDRESS: 780 Santa Victoria
Solana Beach, CA 92075
CLIENT: PlaceWorks





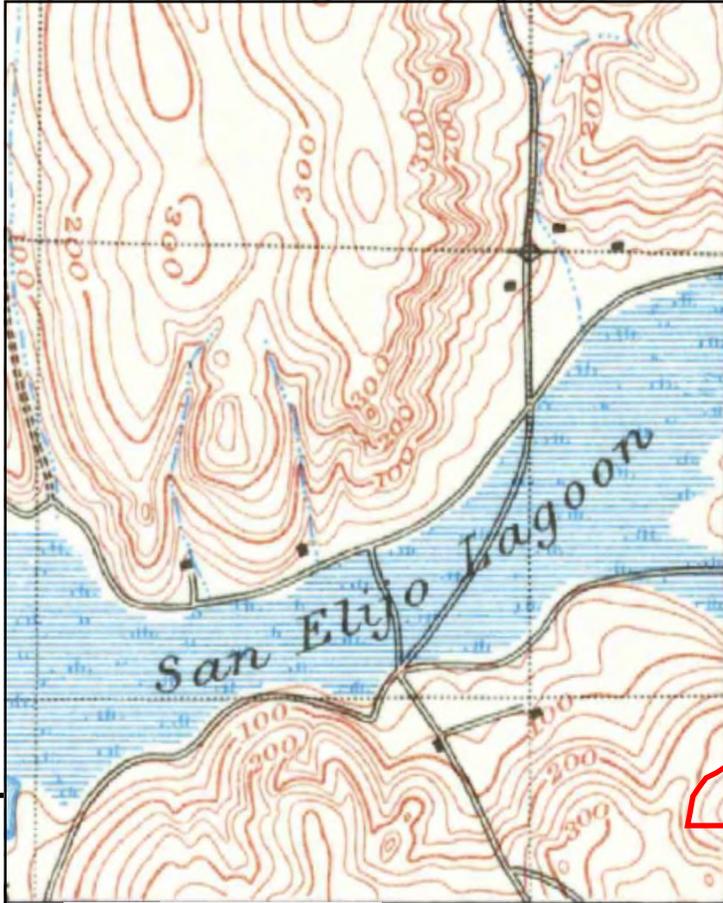
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 SE, La Jolla, 1903, 15-minute

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 ADDRESS: 780 Santa Victoria
 Solana Beach, CA 92075
 CLIENT: PlaceWorks

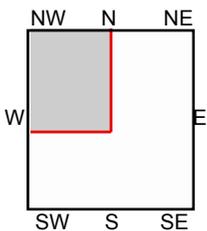
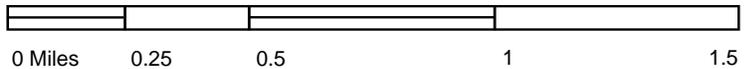




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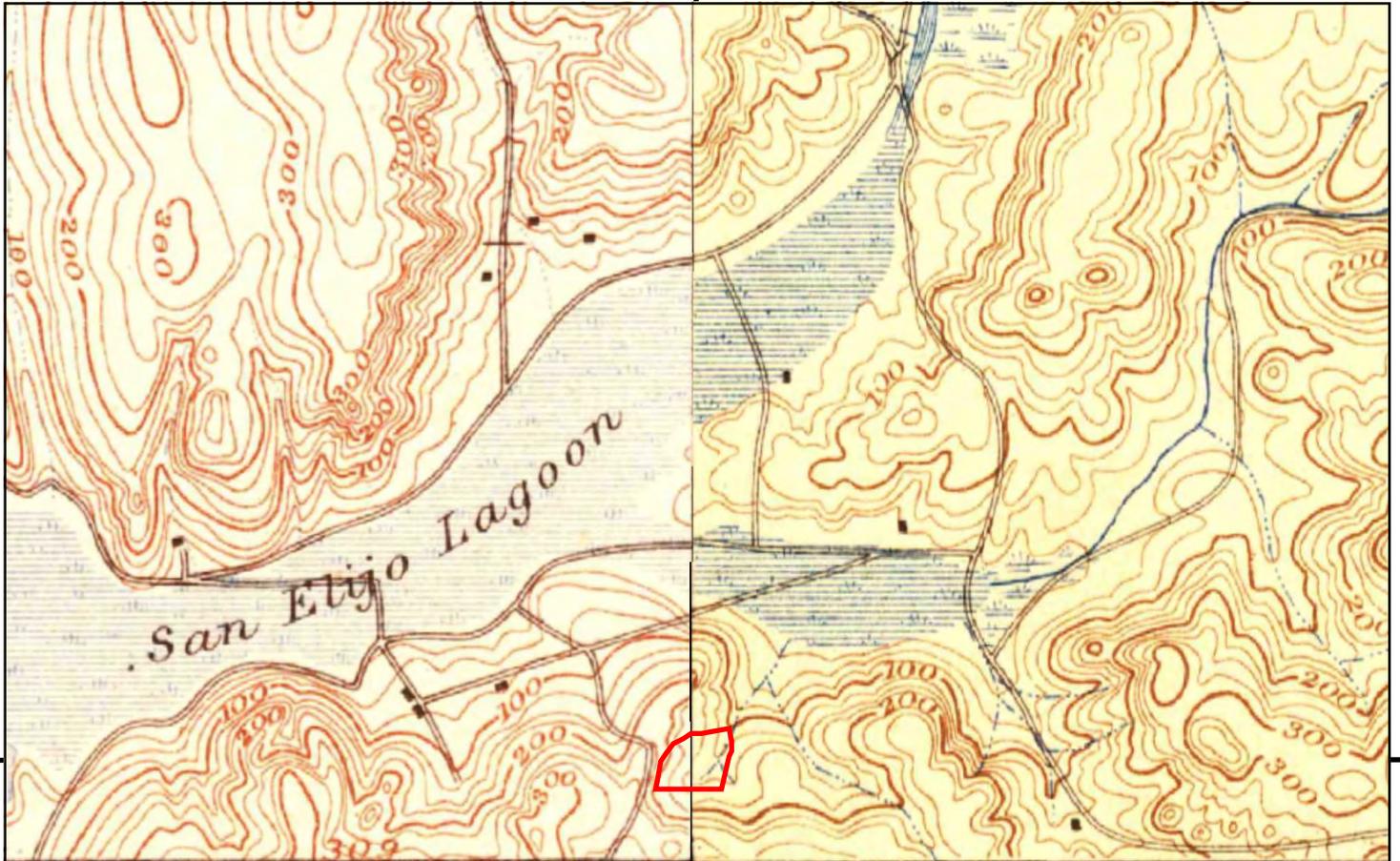
This report includes information from the following map sheet(s).



TP, Oceanside, 1898, 15-minute

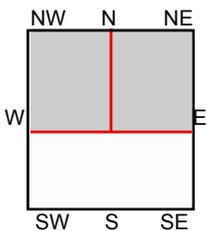
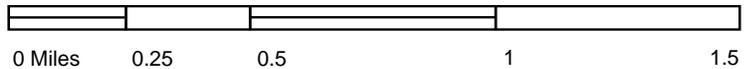
SITE NAME: Solana Vista ES
 ADDRESS: 780 Santa Victoria
 Solana Beach, CA 92075
 CLIENT: PlaceWorks





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UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED

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



TP, Oceanside, 1893, 15-minute
NE, Escondido, 1893, 15-minute

SITE NAME: Solana Vista ES
ADDRESS: 780 Santa Victoria
Solana Beach, CA 92075
CLIENT: PlaceWorks



Solana Vista ES

780 Santa Victoria

Solana Beach, CA 92075

Inquiry Number: 5264534.3

April 19, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/19/18

Site Name:

Solana Vista ES
780 Santa Victoria
Solana Beach, CA 92075
EDR Inquiry # 5264534.3

Client Name:

PlaceWorks
3 MacArthur Place Suite 1100
Santa Ana, CA 92707
Contact: Denise Clendening



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by PlaceWorks were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 1D78-45B1-A12C
PO # SBS05-05.0
Project Solana Vista ES

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 1D78-45B1-A12C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others 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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Solana Vista ES

780 Santa Victoria
Solana Beach, CA 92075

Inquiry Number: 5264534.5
April 20, 2018

The EDR-City Directory Image Report

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SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1970	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

780 Santa Victoria
Solana Beach, CA 92075

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

SANTA VICTORIA

2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	pg A5	EDR Digital Archive	
1992	pg A6	EDR Digital Archive	
1987	pg A7	EDR Digital Archive	
1982	pg A8	EDR Digital Archive	
1976	pg A9	Haines Criss-Cross Directory	
1970	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

SANTA VICTORIA 2014

555	FISHER, RAYMOND K
704	HATEM, RICHARD W SCIENCE AND MEANING LLC
712	BAUM, KEVIN J HANLEY SHARON LYNN
720	RASMUSSEN, EVAN R
728	SEIBER, MICHAEL J
736	OSHAUGHNESSY, ANDREW L
747	WADMAN, BRUCE W
759	GORMAN PATRICIA LEE NORMAN, SABINE
763	HAWKINS, CHARLES P
765	OCCUPANT UNKNOWN,
771	DENISEVICH, MICHAEL L
777	OCCUPANT UNKNOWN,
780	SOLANA BEACH SCHOOL DISTRICT
783	HUTCHINSON, BRUCE R ZERO13 PRODUCTIONS
865	POLO, ANGEL A

SANTA VICTORIA 2010

555	FISHER, RAYMOND K
704	HINES, JOHN SCIENCE AND MEANING LLC
712	BAUM, KEVIN J HANLEY SHARON LYNN
720	RASMUSSEN, EVAN R
728	SEIBER, MICHAEL J
736	CAL REED REALTOR REED, CALVIN N
747	WADMAN, BRUCE W
759	GORMAN PATRICIA LEE PARNESS, MICHAEL A
763	HAWKINS, CHARLES P
765	SOLTERO, CYNTHIA L
771	BULL, DEBORAH E
777	QUINTANA, LINCOLN B
780	PTA CLIFORNIA CONGRESS PARENTS SOLANA BEACH SCHOOL DISTRICT
783	HUTCHINSON, BRUCE R ZERO13 PRODUCTIONS
865	POLO, ANGEL

SANTA VICTORIA 2005

555	FISHER, RAYMOND K
704	GERBER, NEI W
712	HANLEY SHARON LYNN OCCUPANT UNKNOWN,
720	RASMUSSEN, TODD E
728	SEIBER, MICHAEL J
736	REED, CALVIN N
747	WADMAN, BRUCE W
759	HAWKINS, CHARLES P
765	SOLTERO, CYNTHIA L
771	OCCUPANT UNKNOWN,
777	RAST, YOKO W
780	SOLANA BEACH SCHOOL DISTRICT
783	HUTCHINSON, BRUCE R
865	LEIB, RICH H

SANTA VICTORIA 2000

555 OCCUPANT UNKNOWN,
704 GERBER, NEIL W
712 OCCUPANT UNKNOWN,
728 MIGUEL, K M
759 HAWKINS, CHARLES E
763 OCCUPANT UNKNOWN,
765 SHEPARD, THOMAS C
771 DENISEVICH, MICHAEL
777 RAST, YOKO W
780 SOLANA BEACH SCHOOL DISTRICT
783 HUTCHINSON, BRUCE R

SANTA VICTORIA

1995

555 FISHER, RAYMOND K
780 SOLANA BEACH SCHOOL DISTRICT

SANTA VICTORIA 1992

704	PACIFIC SAGA INTERNATIONAL
712	HOPKINS, ROBERT D
720	HYPROTECH INC
759	HAWKINS, CHARLES E
763	LUSE, DANIEL
780	SOLANA BEACH SCHOOL DISTRICT
783	HUTCHINSON, BRUCE R
865	CEA EXPORT

SANTA VICTORIA

1987

780	SOLANA VISTA ELEMENTARY
865	CEA EXPORT

SANTA VICTORIA

1982

780 SOLANA VISTA ELEMENTARY
865 CEA EXPORT

SANTA VICTORIA 1976

SANTA VICTORIA 92075 SOLANA BCH

411	HIGGINS LEONARD	755-4115+6
417	DANIELS DAVID L	481-8541+6
423	DANIELSON NORMAN E	755-0727+6
441	TRAGESSEER HERBERT	755-2100+6
759*	L&W COMMUNICATION	755-1311 2
763	XXXX	00
771	BAITY WM A	755-3009 2
780*	SOLANA VISTA SCHOOL	755-6771 3
783	BJORK ROBT L	755-0910 5
865	WALDAL JAS C	755-2835 5
*	2 BUS	8 RES
		4 NEW

Appendix B. EDR

Appendix

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Solana Vista ES

780 Santa Victoria

Solana Beach, CA 92075

Inquiry Number: 5264534.2s

April 19, 2018

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

780 SANTA VICTORIA
SOLANA BEACH, CA 92075

COORDINATES

Latitude (North): 33.0040380 - 33° 0' 14.53"
Longitude (West): 117.2506510 - 117° 15' 2.34"
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 476585.8
UTM Y (Meters): 3651571.2
Elevation: 237 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641296 ENCINITAS, CA
Version Date: 2012

Northeast Map: 5641310 RANCHO SANTA FE, CA
Version Date: 2012

Southeast Map: 5622814 DEL MAR, CA
Version Date: 2012

Southwest Map: 5622846 DEL MAR OE W, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 780 SANTA VICTORIA
 SOLANA BEACH, CA 92075

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	SOLANA VISTA ELEMENT	780 SANTA VICTORIA	HAZNET		TP
2	SAN ELIJO HILLS PUMP	751 SANTA HELENA	San Diego Co. HMMD, SWEEPS UST	Lower	597, 0.113, ESE
3	LOMAS SANTA FE CLEAN	917 LOMAS SANTA FE D	SAN DIEGO CO. SAM, SLIC, San Diego Co. HMMD,...	Lower	2519, 0.477, South
4	EARL WARREN MIDDLE S	155 STEVENS AVENUE	ENVIROSTOR, SCH	Lower	4001, 0.758, SW
5	OLIVENHEIN PUMP STAT	MANCHESTER & I-5	Notify 65	Lower	4951, 0.938, WNW
6	DEL/MAR-ENCINITAS FC		ENVIROSTOR	Lower	5030, 0.953, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
SOLANA VISTA ELEMENT 780 SANTA VICTORIA SOLANA BEACH, CA 92075	HAZNET GEPaid: CAC002869191	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
San Diego Co. HMMD..... Hazardous Materials Management Division Database
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST..... Hazardous Substance Storage Container Database
CA FID UST..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data

EXECUTIVE SUMMARY

COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/30/2018 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>EARL WARREN MIDDLE S</i> Facility Id: 60002111 Status: No Action Required	<i>155 STEVENS AVENUE</i>	<i>SW 1/2 - 1 (0.758 mi.)</i>	<i>4</i>	<i>15</i>
DEL/MAR-ENCINITAS FC Facility Id: 80000234 Status: Inactive - Needs Evaluation		SW 1/2 - 1 (0.953 mi.)	6	18

State and tribal leaking storage tank lists

SAN DIEGO CO. SAM: 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.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there is 1 SAN DIEGO CO. SAM site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOMAS SANTA FE CLEAN</i>	<i>917 LOMAS SANTA FE D</i>	<i>S 1/4 - 1/2 (0.477 mi.)</i>	<i>3</i>	<i>9</i>

EXECUTIVE SUMMARY

Case Number: H11043-001
Facility Status: Remedial Investigation

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOMAS SANTA FE CLEAN	917 LOMAS SANTA FE D	S 1/4 - 1/2 (0.477 mi.)	3	9
Database: SLIC, Date of Government Version: 03/12/2018 Facility Status: Open - Remediation Global Id: T0608141035				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN ELIJO HILLS PUMP	751 SANTA HELENA	ESE 0 - 1/8 (0.113 mi.)	2	8
Status: A Tank Status: A Comp Number: 20859				

Other Ascertainable Records

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.

A review of the Notify 65 list, as provided by EDR, and dated 12/14/2017 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLIVENHEIN PUMP STAT	MANCHESTER & I-5	WNW 1/2 - 1 (0.938 mi.)	5	18

EXECUTIVE SUMMARY

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

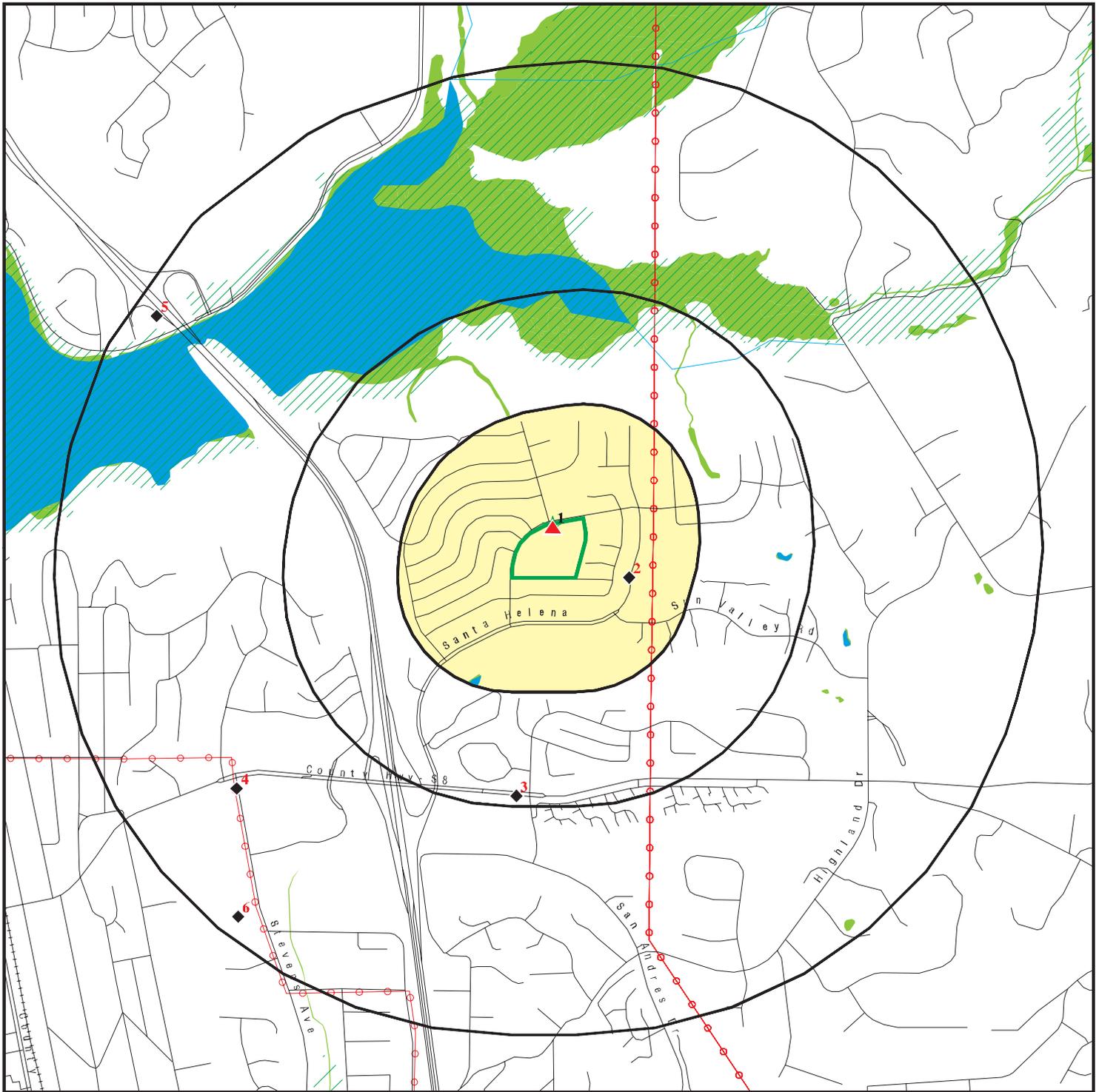
Site Name

LABCORP
SOLANA BEACH BURNSITE

Database(s)

San Diego Co. HMMD
San Diego Co. HMMD

OVERVIEW MAP - 5264534.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

0 1/4 1/2 1 Miles

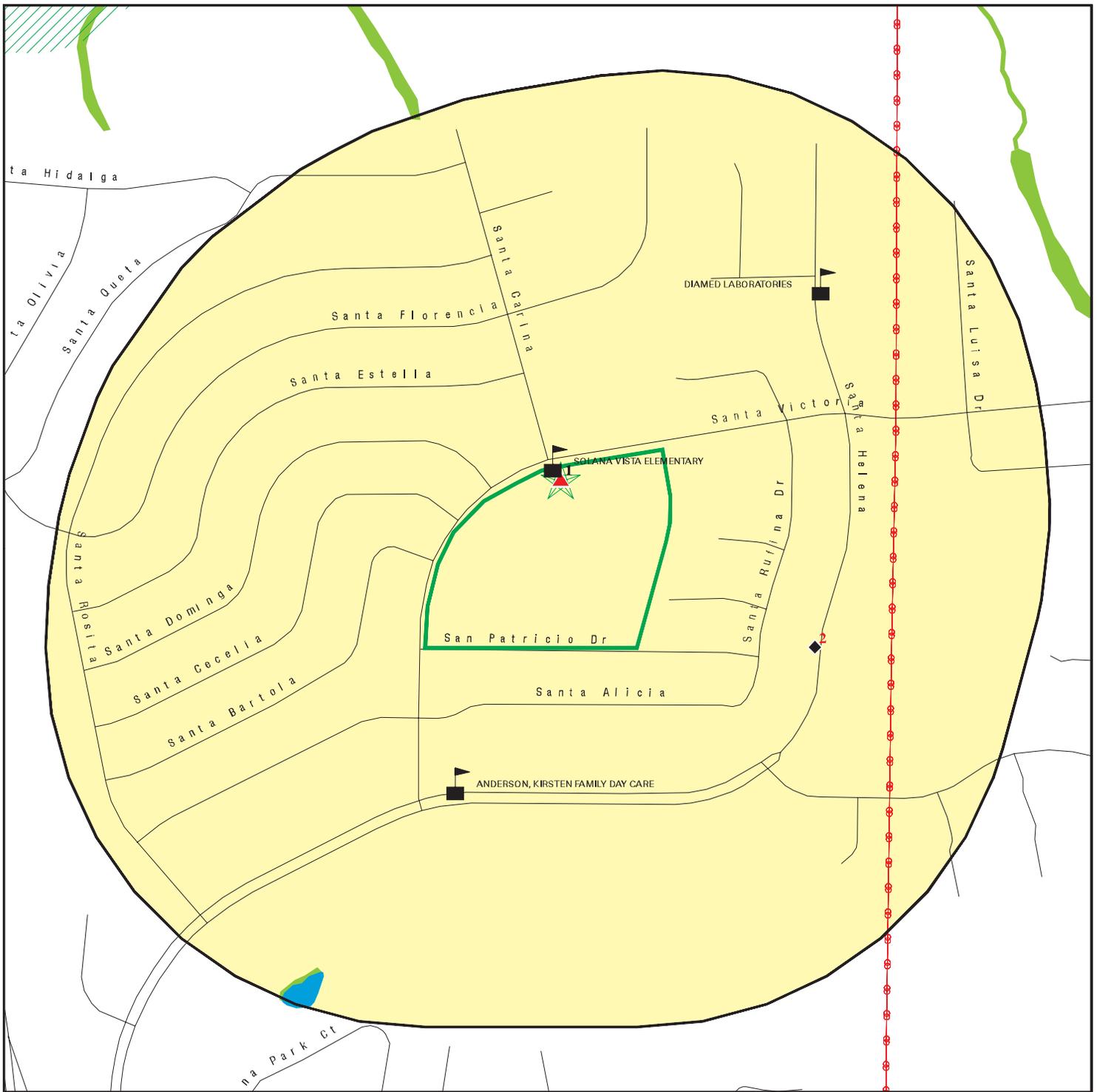


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Solana Vista ES
 ADDRESS: 780 Santa Victoria
 Solana Beach CA 92075
 LAT/LONG: 33.004038 / 117.250651

CLIENT: PlaceWorks
 CONTACT: Denise Clendening
 INQUIRY #: 5264534.2s
 DATE: April 19, 2018 12:19 pm

DETAIL MAP - 5264534.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

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

SITE NAME: Solana Vista ES
 ADDRESS: 780 Santa Victoria
 Solana Beach CA 92075
 LAT/LONG: 33.004038 / 117.250651

CLIENT: PlaceWorks
 CONTACT: Denise Clendening
 INQUIRY #: 5264534.2s
 DATE: April 19, 2018 12:23 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	2	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAN DIEGO CO. SAM	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	1	NR	NR	1
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
San Diego Co. HMMD	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	1	0	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		1	1	0	2	3	0	7

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property
SOLANA VISTA ELEMENTARY
780 SANTA VICTORIA
SOLANA BEACH, CA 92075

HAZNET **S121004573**
N/A

Actual:
237 ft.

HAZNET:
envid: S121004573
Year: 2016
GEPaid: CAC002869191
Contact: CURTIS HUCKINS
Telephone: 8587947150
Mailing Name: Not reported
Mailing Address: 780 SANTA VICTORIA
Mailing City,St,Zip: SOLANA BEACH, CA 920751535
Gen County: San Diego
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Diego

2
ESE
< 1/8
0.113 mi.
597 ft.

SAN ELIJO HILLS PUMP STATION
751 SANTA HELENA
SOLANA BEACH, CA 92075

San Diego Co. HMMD **S103671360**
SWEEPS UST **N/A**

Relative:
Lower

Actual:
229 ft.

HMMD SAN DIEGO:
Permit Number: 120859
Business Type: 6HK52
EPA Id Number: Not reported
APN: 263-663-34-00
Last HMMD Inspection: 10/16/1997
Facility Telephone: 619-753-6203
Permit Status: INAC
Permit Expiration: 12/08/1997
Date Last Updated: 11/02/2012
Facility Owner: SAN ELIJO JOINT POWER
Facility Mailing Address: 2695 MANCHESTER AV
Facility Mailing City: CARDIFF
Facility Mailing State: CA
Facility Mailing Zip: 92007-2116
UST Owner: SAN ELIJO JOINT POWERS AUTH
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 120859 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120859
Tank Type: SINGLE WALL
Additional Id: PWO105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN ELIJO HILLS PUMP STATION (Continued)

S103671360

Capacity Gallons: 260
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1997-12-30 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

SWEEPS UST:

Status: Active
Comp Number: 20859
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020859-000001
Tank Status: A
Capacity: 260
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 1

3
South
1/4-1/2
0.477 mi.
2519 ft.

LOMAS SANTA FE CLEANERS
917 LOMAS SANTA FE DR
SOLANA BEACH, CA 92075

SAN DIEGO CO. SAM **1006826009**
SLIC **N/A**
San Diego Co. HMMD
FINDS
DRYCLEANERS
EMI

Relative:
Lower
Actual:
201 ft.

SAN DIEGO CO. SAM:
Case Number: H11043-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only
Facility Status: Remedial Investigation
Date: 2/1/2002
Date Began: 4/3/1998

SLIC:

Region: STATE
Facility Status: Open - Remediation
Status Date: 02/01/2002
Global Id: T0608141035
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H11043-001
Latitude: 32.995753
Longitude: -117.254756
Case Type: Cleanup Program Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Case Worker: JC
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: * Chlorinated Hydrocarbons
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HMMD SAN DIEGO:

Permit Number: 111043
Business Type: 6HK18
EPA Id Number: CAD981649429
APN: 263-293-59-00
Last HMMD Inspection: 01/05/2012
Facility Telephone: 858-755-2363
Permit Status: OPEN
Permit Expiration: 05/31/2013
Date Last Updated: 11/02/2012
Facility Owner: LOMAS SANTA FE CLEANERS INC
Facility Mailing Address: 917 LOMAS SANTA FE DR
Facility Mailing City: SOLANA BEACH
Facility Mailing State: CA
Facility Mailing Zip: 92075
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 111043
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 111043
Update Date: 11/02/2012
Inspection Date: 10/13/2004
Violation Code: 6HV0140
Violation: LDR DOCUMENTS NOT AVAILABLE
Violation Citation: Land disposal restriction (LDR) Notification/Certification not provided and/or maintained on site as required. CCR 66268.7(a)(8)
Activity: ACTIVE

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Registry ID: 110013850608

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

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

DRYCLEANERS:

EPA Id: CAD981649429
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 07/03/1987
Facility Active: No
Inactive Date: 06/30/2015
Facility Addr2: Not reported
Owner Name: PETER UEHLING
Owner Address: 917 LOMAS SANTA FE DR
Owner Address 2: Not reported
Owner Telephone: 6197552363
Contact Name: PETER T UEHLING
Contact Address: 917 LOMAS SANTA FE DR
Contact Address 2: Not reported
Contact Telephone: 8587552363
Mailing Name: Not reported
Mailing Address 1: 917 LOMAS SANTA FE DR
Mailing Address 2: Not reported
Mailing City: SOLANA BEACH
Mailing State: CA
Mailing Zip: 920751502
Owner Fax: 0000000000
Region Code: 4

EPA Id: CAL000415346
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 03/23/2016
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: HUI K SHIN
Owner Address: 917 LOMAS SANTA FE DR
Owner Address 2: Not reported
Owner Telephone: 7605767830
Contact Name: HUI SHIN
Contact Address: 917 LOMAS SANTA FE DR
Contact Address 2: Not reported
Contact Telephone: 7605767830
Mailing Name: Not reported
Mailing Address 1: 917 LOMAS SANTA FE DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Mailing Address 2: Not reported
Mailing City: SOLANA BEACH
Mailing State: CA
Mailing Zip: 920751502
Owner Fax: Not reported
Region Code: 4

EMI:

Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.274725
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2005
County Code: 37
Air Basin: SD
Facility ID: 832

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .18
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .18
Reactive Organic Gases Tons/Yr: .125748
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 832
Air District Name: SD
SIC Code: 7216
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .18

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOMAS SANTA FE CLEANERS (Continued)

1006826009

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	832
Air District Name:	SD
SIC Code:	7216
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.17999999999999999
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	832
Air District Name:	SD
SIC Code:	7216
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.17999999999999999
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

4
SW
1/2-1
0.758 mi.
4001 ft.

EARL WARREN MIDDLE SCHOOL
155 STEVENS AVENUE
SOLANA BEACH, CA 92075

ENVIROSTOR **S118757288**
SCH **N/A**

Relative:
Lower
Actual:
149 ft.

ENVIROSTOR:
 Facility ID: 60002111
 Status: No Action Required
 Status Date: 02/26/2015
 Site Code: 404905
 Site Type: School Investigation
 Site Type Detailed: School
 Acres: 20
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL WARREN MIDDLE SCHOOL (Continued)

S118757288

Program Manager: Johnson Abraham
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 32.99572
Longitude: -117.2625
APN: 263-421-06
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic DDD DDE DDT Lead
Confirmed COC: 30001-NO 30006-NO 30007-NO 30008-NO 30013-NO
Potential Description: SOIL
Alias Name: 263-421-06
Alias Type: APN
Alias Name: 404905
Alias Type: Project Code (Site Code)
Alias Name: 60002111
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/23/2014
Comments: DTSC determined that further sampling is needed at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 02/26/2015
Comments: DTSC concurred with the No Further Action recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/17/2016
Comments: Closeout Form 1554 submitted on 10/13/16 and processed by CRBU on 10/17/16; closeout complete.

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

SCH:

Facility ID: 60002111
Site Type: School Investigation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL WARREN MIDDLE SCHOOL (Continued)

S118757288

Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 20
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Johnson Abraham
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404905
Assembly: 78
Senate: 39
Special Program Status: Not reported
Status: No Action Required
Status Date: 02/26/2015
Restricted Use: NO
Funding: School District
Latitude: 32.99572
Longitude: -117.2625
APN: 263-421-06
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic, DDD, DDE, DDT, Lead
Confirmed COC: 30001-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO
Potential Description: SOIL
Alias Name: 263-421-06
Alias Type: APN
Alias Name: 404905
Alias Type: Project Code (Site Code)
Alias Name: 60002111
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/23/2014
Comments: DTSC determined that further sampling is needed at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 02/26/2015
Comments: DTSC concurred with the No Further Action recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/17/2016
Comments: Closeout Form 1554 submitted on 10/13/16 and processed by CRBU on 10/17/16; closeout complete.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EARL WARREN MIDDLE SCHOOL (Continued)

S118757288

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

5
WNW
1/2-1
0.938 mi.
4951 ft.

**OLIVENHEIN PUMP STATION
MANCHESTER & I-5
ENCINITAS, CA**

Notify 65 **S100178101**
N/A

Relative:
Lower
Actual:
38 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

6
SW
1/2-1
0.953 mi.
5030 ft.

**DEL/MAR-ENCINITAS FCS 1
SAN DIEGO, CA**

ENVIROSTOR **S107736214**
N/A

Relative:
Lower
Actual:
80 ft.

ENVIROSTOR:
Facility ID: 80000234
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 78
Senate: 39
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 32.99166
Longitude: -117.2625
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F542500
Alias Type: Federal Facility ID
Alias Name: J09CA0339
Alias Type: INPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL/MAR-ENCINITAS FCS 1 (Continued)

S107736214

Alias Name: 80000234
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 09/24/1993
Comments: Not reported

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

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARDIFF BY THE SEA	S119097598	LABCORP	351 SANTA FE DR 210	92007	San Diego Co. HMMD
SOLANA BEACH	S106070074	SOLANA BEACH BURNSITE	SANTA VICTORIA DR	92075	San Diego Co. HMMD

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 04/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 04/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 04/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/06/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/09/2018	Source: EPA
Date Data Arrived at EDR: 02/06/2018	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 02/09/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 01/16/2018

Date Data Arrived at EDR: 01/19/2018

Date Made Active in Reports: 03/23/2018

Number of Days to Update: 63

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/30/2018

Date Data Arrived at EDR: 01/31/2018

Date Made Active in Reports: 03/19/2018

Number of Days to Update: 47

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/30/2018

Date Data Arrived at EDR: 01/31/2018

Date Made Active in Reports: 03/19/2018

Number of Days to Update: 47

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/31/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/12/2018

Date Data Arrived at EDR: 02/14/2018

Date Made Active in Reports: 04/03/2018

Number of Days to Update: 48

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/14/2018

Next Scheduled EDR Contact: 05/28/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: see region list
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-8677
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-7439
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3372
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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

Date of Government Version: 01/06/2018	Source: EPA Region 6
Date Data Arrived at EDR: 01/23/2018	Telephone: 214-665-6597
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

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

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/21/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2017	Source: EPA Region 4
Date Data Arrived at EDR: 01/23/2018	Telephone: 404-562-9424
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST 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: 10/12/2017	Source: EPA Region 8
Date Data Arrived at EDR: 01/23/2018	Telephone: 303-312-6137
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2017	Source: EPA Region 10
Date Data Arrived at EDR: 01/23/2018	Telephone: 206-553-2857
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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: 10/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 01/23/2018	Telephone: 617-918-1313
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/16/2017	Source: EPA Region 5
Date Data Arrived at EDR: 01/23/2018	Telephone: 312-886-6136
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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: 01/13/2018	Source: EPA Region 7
Date Data Arrived at EDR: 01/23/2018	Telephone: 913-551-7003
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2017	Source: EPA Region 9
Date Data Arrived at EDR: 01/23/2018	Telephone: 415-972-3368
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 01/23/2018
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 03/19/2018	Last EDR Contact: 01/31/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/14/2018
	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: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/21/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/21/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

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: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 01/30/2018
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 01/28/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 46

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/08/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 02/08/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/08/2018	Last EDR Contact: 03/06/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 01/19/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-366-4555
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 02/15/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/20/2018	Telephone: 916-845-8400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/20/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/14/2018	Telephone: 866-480-1028
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 03/28/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 02/21/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/13/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/11/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/16/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/23/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/09/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 04/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/19/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 03/09/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/06/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 01/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2018	Telephone: 202-343-9775
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 04/05/2018
Number of Days to Update: 99	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 03/02/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/02/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2017	Source: Department of Interior
Date Data Arrived at EDR: 12/21/2017	Telephone: 202-208-2609
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 03/07/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 02/23/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-2280
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 03/07/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 04/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/30/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 03/02/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018	Source: EPA
Date Data Arrived at EDR: 02/21/2018	Telephone: 800-385-6164
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 02/08/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 02/08/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/01/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 02/02/2018	Telephone: 916-327-4498
Date Made Active in Reports: 03/16/2018	Last EDR Contact: 02/28/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 03/23/2018
Number of Days to Update: 147	Next Scheduled EDR Contact: 07/02/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

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

Date of Government Version: 01/22/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/24/2018	Telephone: 916-445-9379
Date Made Active in Reports: 03/19/2018	Last EDR Contact: 04/18/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/22/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/24/2018	Telephone: 916-255-3628
Date Made Active in Reports: 03/20/2018	Last EDR Contact: 04/18/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/06/2018
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 02/14/2018	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 02/16/2018	Telephone: 916-341-6066
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/08/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 04/12/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirositor.

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 877-786-9427
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/04/2018
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 04/03/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Quarterly

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: 01/08/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/09/2018	Telephone: 916-440-7145
Date Made Active in Reports: 02/06/2018	Last EDR Contact: 04/11/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-322-1080
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/27/2018	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 04/16/2018	Last EDR Contact: 03/06/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/14/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 03/15/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/04/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-445-4038
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 03/05/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 35

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/13/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
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: 03/21/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

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: 01/09/2018
Date Data Arrived at EDR: 01/11/2018
Date Made Active in Reports: 02/22/2018
Number of Days to Update: 42

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 63

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 10

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 01/25/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 47

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/26/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

Date of Government Version: 02/26/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 14

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 01/05/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 40

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 47

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 03/28/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 54

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
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: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 02/06/2018
Date Data Arrived at EDR: 02/09/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2018
Next Scheduled EDR Contact: 07/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/16/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 29

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 01/17/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/11/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018

Date Data Arrived at EDR: 01/05/2018

Date Made Active in Reports: 01/18/2018

Number of Days to Update: 13

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Last EDR Contact: 04/05/2018

Next Scheduled EDR Contact: 07/23/2018

Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

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

Date of Government Version: 02/21/2018

Date Data Arrived at EDR: 02/22/2018

Date Made Active in Reports: 04/03/2018

Number of Days to Update: 40

Source: Madera County Environmental Health

Telephone: 559-675-7823

Last EDR Contact: 02/14/2018

Next Scheduled EDR Contact: 06/04/2018

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018

Date Data Arrived at EDR: 01/05/2018

Date Made Active in Reports: 01/17/2018

Number of Days to Update: 12

Source: Public Works Department Waste Management

Telephone: 415-473-6647

Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/11/2018

Date Data Arrived at EDR: 01/12/2018

Date Made Active in Reports: 02/08/2018

Number of Days to Update: 27

Source: Merced County Environmental Health

Telephone: 209-381-1094

Last EDR Contact: 02/14/2018

Next Scheduled EDR Contact: 06/04/2018

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/22/2018

Date Data Arrived at EDR: 02/27/2018

Date Made Active in Reports: 03/14/2018

Number of Days to Update: 15

Source: Mono County Health Department

Telephone: 760-932-5580

Last EDR Contact: 02/22/2018

Next Scheduled EDR Contact: 06/11/2018

Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 18

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/20/2018
Next Scheduled EDR Contact: 06/04/2018
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: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 30

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 01/31/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 41

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2018
Date Data Arrived at EDR: 02/13/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 49

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/07/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 50

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/15/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/19/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 03/28/2018
Number of Days to Update: 64

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/19/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 02/05/2018
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 01/03/2018
Date Made Active in Reports: 02/14/2018
Number of Days to Update: 42

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 40

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/02/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/20/2017
Date Data Arrived at EDR: 12/21/2017
Date Made Active in Reports: 02/01/2018
Number of Days to Update: 42

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 07/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Annually

Fuel Leak List

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

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/11/2018
Number of Days to Update: 78

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/20/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/22/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/04/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 42

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 03/29/2018
Number of Days to Update: 16

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 20

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

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

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/09/2018
Date Made Active in Reports: 02/06/2018
Number of Days to Update: 28

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/22/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 02/06/2018
Date Data Arrived at EDR: 02/07/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 37

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/16/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/08/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/30/2018
Number of Days to Update: 29

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/01/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/19/2018
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 03/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/16/2018
Number of Days to Update: 50

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 48

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
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: 03/29/2018
Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
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: 02/08/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2017
Date Data Arrived at EDR: 01/25/2018
Date Made Active in Reports: 03/20/2018
Number of Days to Update: 54

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2018	Source: Environmental Health Division
Date Data Arrived at EDR: 03/14/2018	Telephone: 805-654-2813
Date Made Active in Reports: 03/30/2018	Last EDR Contact: 03/14/2018
Number of Days to Update: 16	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 01/09/2018	Telephone: 530-666-8646
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 03/29/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/16/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/01/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 02/02/2018	Telephone: 530-749-7523
Date Made Active in Reports: 03/21/2018	Last EDR Contact: 01/29/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 03/22/2018	Last EDR Contact: 02/14/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 04/10/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 07/23/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2017
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/09/2018
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/12/2018
Next Scheduled EDR Contact: 07/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/08/2018
Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SOLANA VISTA ES
780 SANTA VICTORIA
SOLANA BEACH, CA 92075

TARGET PROPERTY COORDINATES

Latitude (North): 33.004038 - 33° 0' 14.54"
Longitude (West): 117.250651 - 117° 15' 2.34"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 476585.8
UTM Y (Meters): 3651571.2
Elevation: 237 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5641296 ENCINITAS, CA
Version Date: 2012

Northeast Map: 5641310 RANCHO SANTA FE, CA
Version Date: 2012

Southeast Map: 5622814 DEL MAR, CA
Version Date: 2012

Southwest Map: 5622846 DEL MAR OE W, CA
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

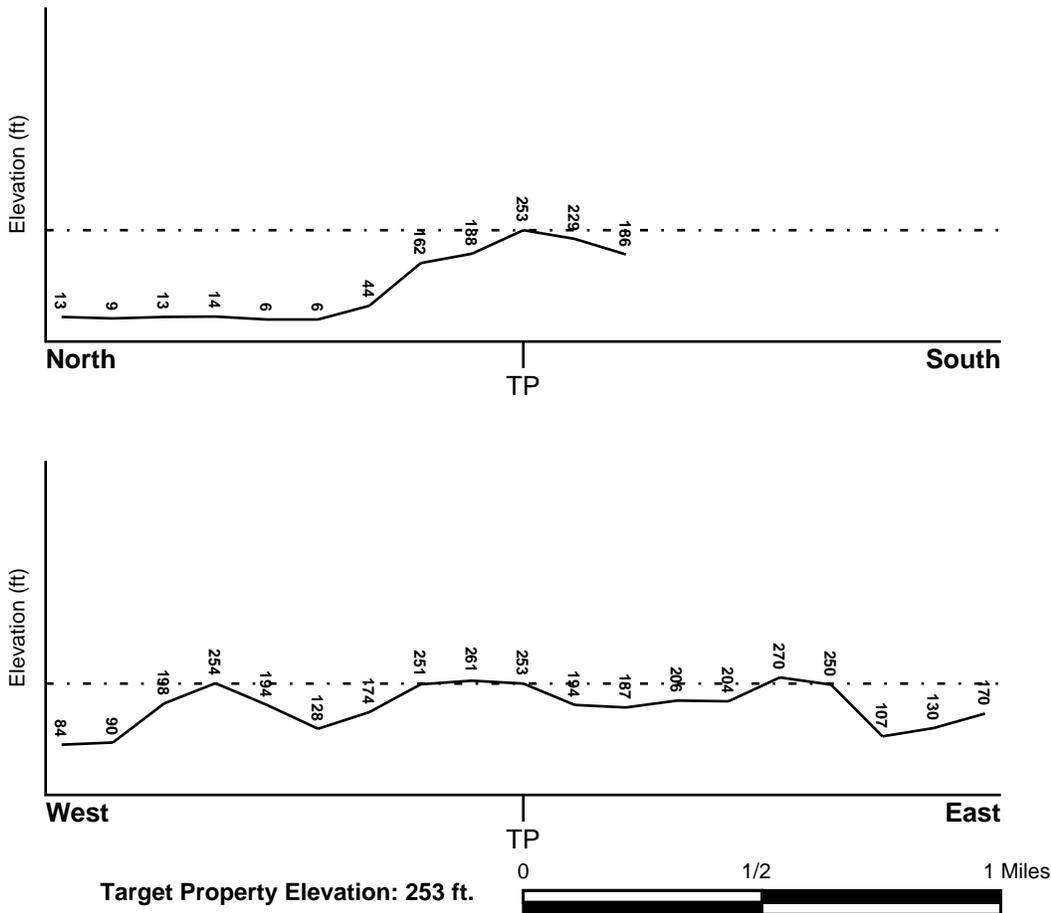
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06073C1045G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06073C1063G	FEMA FIRM Flood data
06073C1307G	FEMA FIRM Flood data
06073C1326G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
RANCHO SANTA FE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

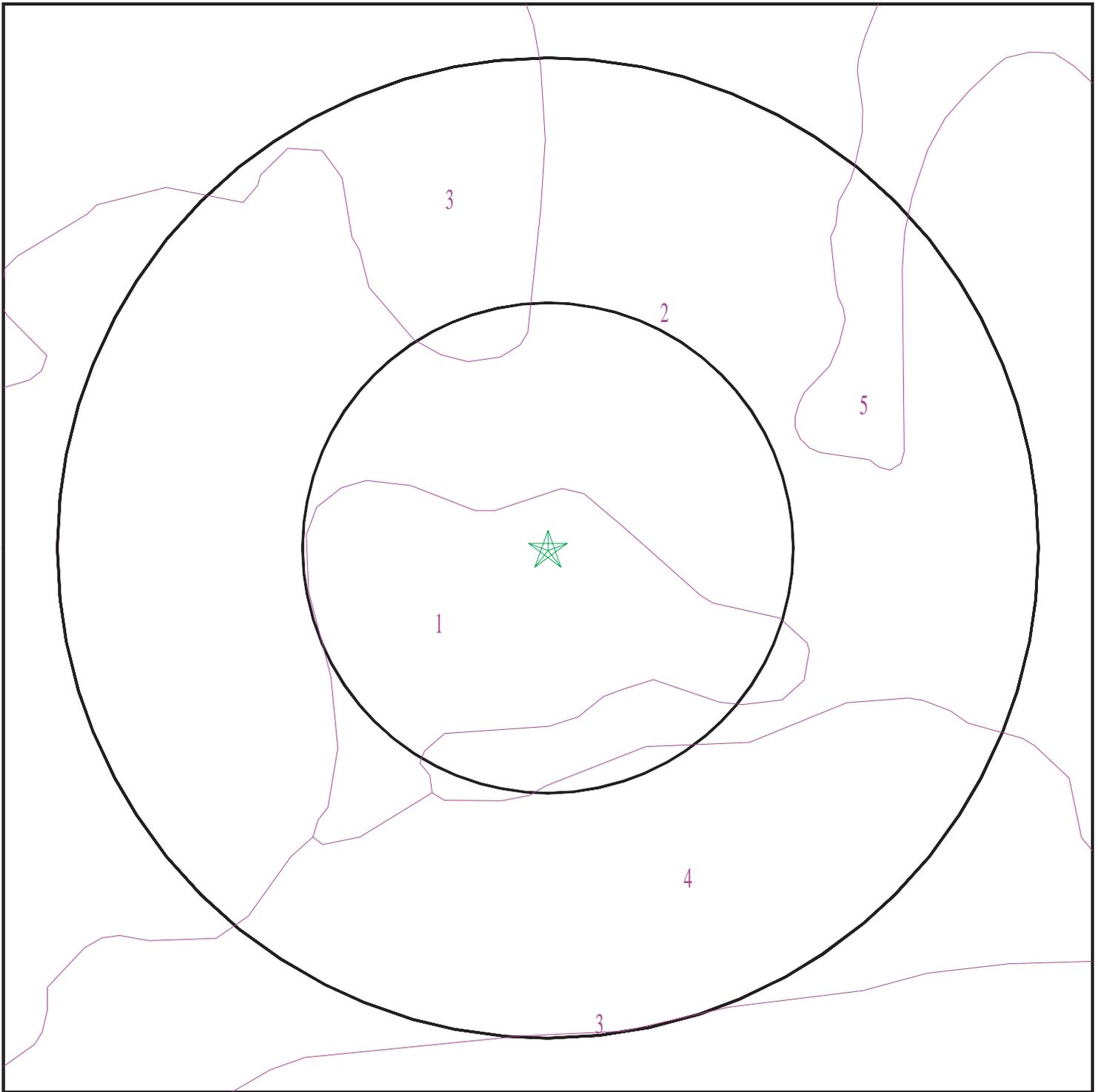
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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 - 5264534.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Solana Vista ES
ADDRESS: 780 Santa Victoria
Solana Beach CA 92075
LAT/LONG: 33.004038 / 117.250651

CLIENT: PlaceWorks
CONTACT: Denise Clendening
INQUIRY #: 5264534.2s
DATE: April 19, 2018 12:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CARLSBAD

Soil Surface Texture: gravelly loamy sand

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	20 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.1
3	33 inches	50 inches	indurated	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: LOAMY ALLUVIAL LAND

Soil Surface Texture: variable

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: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: CORRALITOS

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	9 inches	42 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
3	42 inches	72 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 4

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

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: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	14 inches	22 inches	sandy 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: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	22 inches	38 inches	sandy 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: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: CHINO

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	20 inches	33 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	33 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found	_____	_____

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

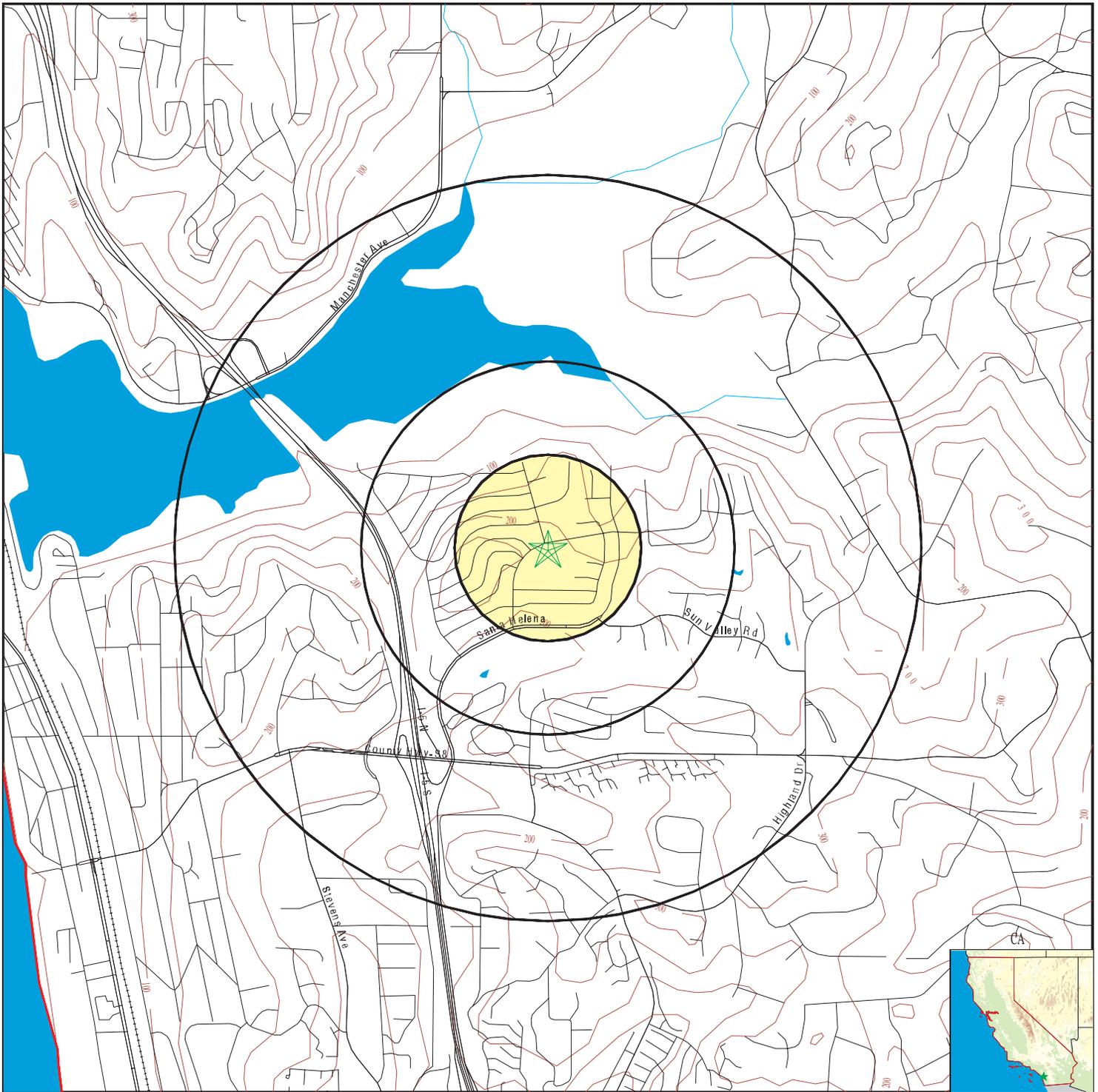
MAP ID	WELL ID	LOCATION FROM TP
<u> </u>	<u> </u>	<u> </u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 5264534.2s



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

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

SITE NAME: Solana Vista ES
 ADDRESS: 780 Santa Victoria
 Solana Beach CA 92075
 LAT/LONG: 33.004038 / 117.250651

CLIENT: PlaceWorks
 CONTACT: Denise Clendening
 INQUIRY #: 5264534.2s
 DATE: April 19, 2018 12:24 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92075	17	2

Federal EPA Radon Zone for SAN DIEGO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix C. Site Photographs

Appendix

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Client Name: Solana Beach School District
Site Location: Solana Vista Elementary School
Project No.: SBSB-05.0

Photo No: 1	Date: 4/11/2018
Description:	

View of site, looking west from the eastern side of the field.



Photo No: 2	Date: 4/11/2018
Description:	

View of site looking north from the field.





Client Name: Solana Beach School District
Site Location: Solana Vista Elementary School
Project No.: SBSB-05.0

Photo No: 3
Date: 4/11/2018

Description:

View of site looking north northwest from U-shaped building.



Photo No: 4
Date: 4/11/2018

Description:

View of site looking southwest from U-shaped building.





Client Name: Solana Beach School District
Site Location: Solana Vista Elementary School
Project No.: SBSB-05.0

Photo No: 5	Date: 2/21/2019
-----------------------	---------------------------

Description:

View of northern portion of the site looking southwest.



Photo No: 6	Date: 2/21/2019
-----------------------	---------------------------

Description:

View of courtyard of U-shaped building, looking southwest.



Appendix D. Phase I Addendum

Appendix

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March 2019 | Phase I Environmental Site Assessment Addendum

Solana Vista Elementary School Reconstruction

for Solana Beach School District

Prepared for:

Solana Beach School District

Contact: Caroline J. Brown, Executive Director
309 North Rios Avenue
Solana Beach, CA 92075

Prepared by:

PlaceWorks

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Executive Summary

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) Addendum on behalf of the Solana Beach School District for proposed modernization of Solana Vista Elementary School (site). The project site is at 780 Santa Victoria in the City of Solana Beach, San Diego County, California. The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites. The Phase I concluded that there were no Recognized Environmental Conditions (RECs), no Historical Recognized Environmental Conditions (HRECs), and no Controlled Recognized Environmental Conditions (CRECs). A Phase I Addendum to assess for potential lead-based paint and organochlorine pesticides (OCPs) from termiticides was recommended as outlined in DTSC guidance documents.

The 10-acre Solana Beach Elementary School campus is identified with Assessor's Parcel Number [APN] 263-291-3400 and 263-291-3300. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of Solana Beach, San Diego County. The site is in a residential neighborhood. The site is bounded by Santa Victoria to the north and San Patricio Drive to the south. Figure 2 shows the local vicinity and Figure 3 the current conditions of the existing school site. Regional access to the site is provided by San Diego Freeway (Interstate-5), approximately 0.434-mile west of the site. The Lomas Santa Fe Golf Course and Country Club is located to the east and to the north is the San Elijo Lagoon.

Solana Beach Elementary School was constructed in 1971 and was modernized in 2000. The reconstruction of Solana Vista Elementary School entails the complete demolition of the existing school and construction of new classroom facilities, a parking lot, and play areas. The new classroom buildings are planned to be constructed in the area of the existing buildings near the northern portion of the site.

Sampling was conducted in the area of the proposed reconstruction project area following *DTSC's Interim Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 2006 to assess the project site for potential lead-based paint and termiticides. No pad or pole mounted transformers are located near the project area.

The sampling program and results are summarized below:

- A total of 40 soil samples plus 3 duplicates were collected. Samples were collected from 20 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs.
- Ten composite soil samples and one composite duplicate soil sample were analyzed for organochlorine pesticides by a State certified laboratory using United States Environmental

Executive Summary

Protection Agency (EPA) Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from both surfaces to 0.5 and 2.5 feet bgs.

- 20 soil samples plus two duplicates were collected at surface to 0.5 feet and analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials.
- No OCPs were detected above laboratory screening limits in any of the samples collected and analyzed.
- Lead was detected in all 20 shallow (0.5' bgs) soil samples plus the two duplicate samples above laboratory detection limits. Lead concentrations ranged from 1.71 milligrams per kilogram (mg/kg) to 15.4 mg/kg at 0.5' bgs. The maximum DTSC screening level for lead is 80 mg/kg. All lead concentrations at 0.5' bgs were below DTSC's lead screening level of 80 mg/kg.
- Risk estimates were calculated for the site using both the PEA screening level assessment method. The risk estimates show that the levels at the site do not pose a human health risk to the students or to the staff using an unrestricted residential land use scenario.

The results of the Phase I Addendum support the following conclusions and recommendations:

Per California Education Code Section 17213.1, Section 3, and the results of the Phase I Addendum, PlaceWorks conclude that further investigation of the site is not necessary.

1. Introduction

This document presents a Phase I Addendum Report for the Solana Beach School District Solana Vista located at 780 Santa Victoria in the City of Solana Beach, San Diego County, California. Figure 1 shows the regional location of the existing school site and Figure 2 shows the local vicinity. Figure 3 is an aerial photograph showing the boundaries of the school site and Figure 4 shows the sampling locations. This Phase I Addendum was prepared by PlaceWorks on behalf of Solana Beach School District pursuant to the California Education Code which requires that all new school projects to obtain a “No Further Action” (NFA) determination from the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) prior to proceeding with property acquisition and/or construction of a school.

The project is identified with Assessor’s Parcel Numbers [APNs] 263-291-3400 and 263-291-3300 and is approximately 10-acres in size.

The District proposes to demolish and remove existing permanent and portable school facilities and construct new permanent facilities to house approximately 500 students. These new buildings would total 60,000 to 65,000 square-feet and would include twenty-four (24) K-6 classrooms and three special education classrooms. Additionally, the reconstructed campus would include a library, art room, music room, computer room, resource specialist area, science lab, a multipurpose room, an office complex, teacher preparation and tutoring room, storage, after-school care room, hard court play areas, bus access, parking lot(s), vehicle service drive, serving kitchen, and refuse pick-up area.

The Phase I ESA that was implemented for the modernization project recommended based on the age of the existing school buildings for soil sampling using the DTSC’s *Interim Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (June 2006). The soil sampling was conducted on February 21, 2019. This report summarizes the testing results.

1.1 SCOPE OF WORK

The scope of work implemented to prepare this Phase I Addendum included:

- Developing sampling and analysis plans to further assess site conditions;
- Implementing field and laboratory data collection and evaluation to further assess environmental conditions at the site; and
- Preparing this Phase I Addendum report.

A sampling and analyses program was conducted to evaluate the potential presence of lead and organochlorine pesticides in shallow soils due to the potential for lead-based paint and termiticides from

1. Introduction

historic buildings. The investigation was conducted on February 21, 2019. The scope for the field and laboratory investigation is discussed in Section 2. The field and laboratory program included:

- A total of 40 soil samples plus duplicates were collected. Samples were collected from 20 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs.
- Ten composite soil samples and one composite duplicate soil sample were analyzed for organochlorine pesticides by a State certified laboratory using United States Environmental Protection Agency (EPA) Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from both surfaces to 0.5 and 2.5 feet bgs.
- 20 soil samples plus two duplicates were collected at surface to 0.5 feet to 2.5' and analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials.

2. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the site on February 21, 2019. The soil sampling was implemented at the site by the project geologist.

2.1 UTILITY CLEARANCE

Prior to commencement of field activities, USA was notified of our intent to conduct subsurface investigations at least 48 hours prior to initiation of intrusive field tasks. USA contacted all utility owners of record within the site vicinity and notified them of our intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, were expected to clearly mark the position of their utilities on the ground surface throughout the area designated for investigation.

2.2 SOIL SAMPLING

Based on the information from the Phase I, the approximate 10-acres of the project site, where DTSC approval is being requested, the site had been vacant undeveloped land until approximately 1971, when the school appears to have been built. A total of 40 soil samples plus duplicates were collected on February 21, 2019 from 20 locations to characterize soil from surface to 0.5 and 2.5 feet bgs. Low lying unpaved areas were selected to assess the structures. Twenty soil samples and two duplicates collected from the surface to 0.5 feet were analyzed discretely for lead by a State certified laboratory using United States Environmental Protection Agency (EPA) Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials. Ten composite soil samples and one composite duplicate sample were analyzed for organochlorine pesticides by EPA Method 8081A to evaluate the possible impact to soil from termiticides that may have been used to protect buildings on site. Samples were analyzed from both surfaces to 0.5 and 2.5 feet bgs. Table 1 is a summary table of the sampling and analysis program and Figure 4 shows the sample locations.

2.2.1 Sampling Methods and Procedures

Soil samples were collected from surface to 0.5 feet and 2.5 feet below ground surface using a hand auger. The hand auger was advanced from the surface to 0.5 feet and to 2.5 feet below ground surface. Soil from the sample interval was emptied from the hand auger barrel into a certified pre-cleaned glass jar from the laboratory and sealed. Each sample was labeled with the sample number, sample depth, and the date and time sampled. Samples were immediately placed in an ice-filled cooler and listed on a Chain-of-custody (COC) form.

Observations pertaining to the soil type were described by a field geologist in accordance with the Unified Soil Classification System (USCS). Any observation pertaining to potential soil contamination was recorded.

3. Human Health Screening Evaluation

2.3 QUALITY CONTROL SAMPLING PROCEDURES

Field quality control samples associated with the sampling program included duplicates, equipment blanks, and soil matrix spike/matrix spike duplicate (MS/MSD) samples, in accordance with the DTSC PEA Guidance Manual (DTSC 2015).

2.4 DECONTAMINATION PROCEDURES AND WASTE MANAGEMENT

All equipment that came into contact with the soil was decontaminated consistently to assure the quality of samples collected. Decontamination was conducted prior to and after each use of a piece of equipment. All sampling devices used were decontaminated using the following procedures:

- Non-phosphate detergent and distilled water wash, using a brush;
- Initial deionized/distilled water rinse; and
- Final deionized/distilled water rinse.

Soil cuttings were immediately backfilled into the original boring and decontamination water was disposed of in accordance to the Office of Emergency and Remedial Response (OERR) Directive 9345.3-02 (1991). Used personal protection equipment (PPE) were double bagged and placed in a municipal refuse dumpster.

2.5 RESULTS

Organochlorine pesticide concentrations from soil are summarized in Table 2, analyzed by EPA Method 8081A. Lead concentrations in surface soil are summarized in Table 3, analyzed by EPA Method 6010B. All laboratory data is included in Appendix A.

2.5.1 Soil Description

Descriptions of the soils encountered and collected during the investigation were recorded by a field geologist. Soils were described as medium dense yellowish brown poorly graded medium sand and reddish yellow to light gray clayey sand with occasional gravel. No staining, unusual odors, or visual signs of contamination were observed by the field geologist.

2.5.2 Pesticides

No OCPs were detected above laboratory screening limits in any of the samples analyzed. Table 2 provides a summary of the OCP results showing that the laboratory detection limits were below health-based screening levels.

3. Site History and Background Information

2.5.3 Lead

Lead was detected above laboratory detection limits in all 20 soil samples plus the two duplicate samples analyzed. Lead concentrations at 0.5' bgs ranged from 1.71 mg/kg to 15.4 mg/kg. The DTSC Screening Level (SL) for lead is 80 mg/kg. All soil samples analyzed were at concentrations well below the DTSC SL of 80 mg/kg. Table 3 provides a summary of the lead concentrations detected in soil at the site.

3. Human Health Screening Evaluation

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3. Human Health Screening Evaluation

3.1 LEAD SCREENING

For the screening for lead concentrations on existing and proposed school sites, the highest detected concentration of lead is compared to the screening value of 80 mg/kg derived from the DTSC Lead Spread 8 model. The screening value is based on exposures to children using statewide and regional air concentrations of lead. This screening value is considered appropriate for former residential and uncontaminated commercial properties where lead from lead-based paint is the only potential contaminant on the site.

Lead was detected in all 20 soil samples and the two duplicate samples above laboratory reporting limits (Table 3). Lead concentrations at 0.5' ranged 1.71 mg/kg to 15.4 mg/kg. Lead concentrations at the site at 0.5' bgs are below the DTSC SL and are within typical background concentrations.

3.2 PESTICIDE SCREENING

Pesticides were below laboratory reporting limits in all samples analyzed. Table 2 shows the detection limits of common organochlorine pesticides associated with termiticides and the laboratory reports limits.

3.3 UNCERTAINTY ANALYSIS

The data collected are subject to uncertainty associated with sampling and analysis. In the risk analysis it was assumed that samples collected were representative of conditions to which various populations may be exposed. However, the collected samples may not be completely representative due to biases in sampling and to random variability of samples. In general, sampling was biased toward areas of known and suspected elevated chemical concentrations, which will lead to an overestimation of risk when these results are assumed to represent a larger area. The placement of soil borings was in part, purposely biased to detect and characterize potential hot spots of soil based on historical site use. This type of sampling approach is likely to overestimate the chemical concentrations to which a receptor would be exposed and the potential health impact to the receptors evaluated.

Samples were analyzed using California State Certified Laboratory procedures and were subjected to limited review, to obtain data suitable for decision-making. However, it should be understood that sample analysis is subject to uncertainties associated with precision, accuracy and detection of chemicals at low concentrations.

3. Human Health Screening Evaluation

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4. Quality Assurance/Quality Control Implementation

The Quality Assurance/Quality Control (QA/QC) Program was implemented in accordance with the DTSC PEA Guidance Manual (DTSC 1999). The primary quality control features of the QA/QC program include the collection and analysis of field quality control samples and the data validation. All proper chain of custody procedures were followed and the chain of custody is included in Appendix A.

Quality control samples collected in the field included equipment rinseate blanks as described in Section 3. The data for these quality control samples were reviewed as part of the data validation process, along with results from laboratory quality control analyses. Data validation was performed in compliance with DTSC's PEA Guidance Manual, using protocols consistent with the USEPA National Functional Guidelines (DTSC 1999). Each sample was analyzed for the specified suite of analyses presented in Section 3. Data from each of the analyses were evaluated with respect to the quality control criteria listed below. Data for the project as a whole were evaluated in terms of completeness.

- Holding times;
- Field blanks;
- Laboratory method and calibration blanks;
- Initial and continuing calibrations;
- System monitoring compounds (surrogates - organic analyses only);
- Laboratory control samples (LCS) and LCS duplicate samples (LCSD) - as applicable;
- Matrix spikes (MS)/Matrix spike duplicates (MSD); and
- Compound identification and quantitation.

Data quality for the project is good, and the data collected are of acceptable quality for use in the screening evaluation.

Data validation qualifier flags have been added to those data that did not meet acceptance criteria defined in School Quality Assurance Project Plans. Results of the validation indicate that all samples collected and analyzed are useful in characterizing the site and assessing the human health and ecological risks for the site. No detectable concentrations were qualified as rejected (R) or were considered to be unusable based on the validation evaluation. Data qualified as estimated (J/UJ) exhibited some bias during analysis and should be

4. Quality Assurance/Quality Control Implementation

considered as an approximate measure of the respective analyte concentration. Qualified data are presented along with the data results in the analytical summary tables provided in this report.

Field activities were observed to be conducted in a manner consistent with the QA/QC procedures presented in the DTSC PEA Guidance Manual (DTSC 1999). No findings were identified that significantly affect the quality of the samples collected or the resulting data evaluation.

4.1 DATA VALIDATION

Data validation was performed for all samples submitted as part of PlaceWorks evaluation of soil. A & R Laboratories located in Ontario was the lead laboratory for the project and performed the required analyses.

Validation was performed in accordance with the general guidance provided in the USEPA Functional Guidelines for Evaluating Inorganic Analyses (USEPA 1994) and in accordance with the professional judgment of the validation team. Validation was performed to assess analytical performance in terms of the DQOs accuracy, precision, sensitivity, and completeness. Comparability and representativeness DQOs for the samples collected are addressed by the correct implementation of the procedures defined in the sampling and analysis plan.

A summary of the validation program, in terms of the DQOs listed above, is provided in the following sections. Data qualifiers assigned to results, if required, were as follows:

J - Result is estimated due to failure to meet one of the DQO criteria associated with the sample result or associated sample batch. Results reported at concentrations below standard laboratory reporting limits, but above method detection limits, were flagged “J” by the laboratory, or “B” in the case of metals. These data are validated as J/estimated because they are below the reliable quantitation limits determined by the laboratory.

U - Result is qualified as not-detected at the reported value. This qualifier is used when results from blank analyses indicate that detections in associated samples may be biased high due to potential contaminant conditions in the field or laboratory.

UJ - Result is qualified as not-detected at the reported value, and the value is determined to be estimated. This qualifier commonly results when quality control failures are associated with analytes that are not detected, or when detections are qualified “U” due to blank contamination combined with a “J” qualifier resulting from another QC problem.

R - Result is rejected due to severe QC failure, or due to multiple lesser QC problems that are determined to be additive.

4.2 ACCURACY

Accuracy was evaluated by assessing the results of holding times, field and laboratory blanks, initial and continuing calibrations, surrogate spike recoveries (organic analyses), LCS recoveries, MS analyses, and interference check samples (metals by inductively coupled plasma).

4. Quality Assurance/Quality Control Implementation

Holding times were met for all analyses. Frequency and control criteria for initial and continuing calibration verifications were met. The method blank data showed non-detectable levels for all constituents. LCS analysis was performed at required frequencies and all recoveries were within acceptable limits. Surrogate recoveries for all samples were within acceptable control limits. MS and MSD were performed at the required frequencies. All recoveries were within acceptable limits.

4.3 PRECISION

Precision was evaluated by assessing the results between MS and MSD analyses, LCS and LCSD analyses, between laboratory duplicate analyses. The precision DQO was generally satisfied for the samples collected during the project. Precision was evaluated as the relative percent difference (RPD) between control sample results. RPD criteria reported by the laboratory were used to assess precision. RPDs were within the appropriate control limits.

4.4 SENSITIVITY

Sensitivity was addressed by ensuring that the reporting limits provided by the laboratories met those as requested in the workplans and task orders provided to the laboratory. Data were qualified in cases where results were reported at concentrations below standard laboratory reporting limits, but above the method detection limits that may have been required to meet the sensitivity requirements for the project. Such results were flagged by the laboratory as either J or B qualified data. These data retain a J/estimated qualifier due to potential decreased reliability at low concentration levels.

4.5 COMPLETENESS

Completeness is an evaluation of the overall sampling program with respect to data generated that is usable versus data that may have been rejected. No data was rejected during the data validation process for this project. The completeness objectives (minimum 90 percent) for this project are therefore considered to be satisfied for all analyses.

4.6 DATA VALIDATION CHART

The following table is a summary of pertinent quality indicators that were verified during the data validation process.

4. Quality Assurance/Quality Control Implementation

ACCEPTABILITY		
QUALITY INDICATOR	SOIL	
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Lead	Target Analyte: DDE
Completeness of Laboratory Reports (e.g., laboratory, client, and sample identifications; ELAP certification number, project name, sample matrix, sample collection, preservation, preparation, extraction, analysis dates; analytical methods; analytes; reporting units and limits; dilution factors; report page numbering system; designated title and signatures)	Y See discussion Section 4	Y See discussion Section 4
Reporting Limit (RL)	Y 0.5 mg/kg	Y 0.002 mg/kg
Chain of Custody	Y	Y
Sample Containers and Conditions	Y	Y
Holding Time (<28 days)	Y	Y
Sample Preservation	Y	Y
Equipment Rinsate Blanks	Y	Y
Field Duplicates	Y	Y
Field QC Samples – Others	NA	NA
Surrogate Recoveries	NA	NA
Method Blanks	Y	Y
LCS % Recovery	Y	Y
MS/MSD % Recovery	See discussion Section 4	See discussion Section 4
MS/MSD % RPD	See discussion Section 4	See discussion Section 4
Laboratory Duplicates	See discussion Section 4	See discussion Section 4
Laboratory QC Samples – Others	NA	NA
Compound Identification	Y	Y
Compound Quantitation	Y	Y
Dilution Factors	Y	Y
Data Qualifiers	Y	Y
Confirmation of Positive Samples	NA	NA
Observations of Significance	NA	NA
Case Narrative	Y	Y
Instrument Tuning	NA	NA
Initial Calibration	Lab	Lab
Calibration Verification	Lab	Lab
Interference Check Standard	NA	NA
Others	NA	NA

5. Health and Safety Procedures

PlaceWorks followed a site-specific HASP pursuant to Health and Safety Code 1910.120. The plan addressed the following:

- Identification and description of potentially hazardous substances that may be encountered during field operations;
- PPE and clothing for site activities; and
- Measures that need to be implemented in the event of an emergency.

PlaceWorks field personnel reviewed the HASP prior to commencing fieldwork. Prior to initiation of field activities each day, a site safety briefing was conducted to identify potential physical and chemical hazards and measures to be taken in event of an emergency. All on-site personnel were required to sign the site safety briefing form.

During field activities, all personnel within the exclusion zone wore appropriate level D PPE. No incidents or emergency actions related to site sampling occurred during the field program.

5. Health and Safety Procedures

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6. Conclusions and Recommendations

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) Addendum on behalf of the Solana Beach School District for proposed reconstruction of Solana Vista Elementary School (site). The project site is at 780 Santa Victoria in the City of Solana Beach, San Diego County, California. The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites. The Phase I concluded that there were no Recognized Environmental Conditions (RECs), no historical Recognized Environmental Conditions (HRECs), and no Controlled Recognized Environmental Conditions (CRECs). A Phase I Addendum to assess for potential lead-based paint and organochlorine pesticides (OCPs) from termiticides was recommended as outlined in DTSC guidance documents based on the age of the structures.

The 10-acre Solana Beach Elementary School campus is identified with Assessor's Parcel Number [APN] 263-291-3400 and 263-291-3300. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of Solana Beach, San Diego County. The site is in a residential neighborhood. The site is bounded by Santa Victoria to the north and San Patricio Drive to the south. Figure 2 shows the local vicinity and Figure 3 the current conditions of the existing school site. Regional access to the site is provided by San Diego Freeway (Interstate-5), approximately 0.434-mile west of the site. The Lomas Santa Fe Golf Course and Country Club is located to the east and to the north is the San Elijo Lagoon.

Sampling was conducted in the area of the proposed reconstruction project area following *DTSC's Interim Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* dated June 2006 to assess the project site for potential lead-based paint and termiticides. No pad or pole mounted transformers are located near the project area.

The sampling program and results are summarized below:

- A total of 40 soil samples plus 3 duplicates were collected. Samples were collected from 20 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs.
- Ten composite soil samples and one composite duplicate soil sample were analyzed for organochlorine pesticides by a State certified laboratory using United States Environmental Protection Agency (EPA) Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from both surfaces to 0.5 and 2.5 feet bgs.

6. Conclusions and Recommendations

- 20 soil samples plus two duplicates were collected at surface to 0.5 feet and analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials.
- No OCPs were detected above laboratory screening limits in any of the samples collected and analyzed.
- Lead was detected in all 20 shallow (0.5' bgs) soil samples plus the two duplicate samples above laboratory detection limits. Lead concentrations ranged from 1.71 milligrams per kilogram (mg/kg) to 15.4 mg/kg at 0.5' bgs. The maximum DTSC screening level for lead is 80 mg/kg. All lead concentrations at 0.5' bgs were below DTSC's lead screening level of 80 mg/kg.
- Risk estimates were calculated for the site using both the PEA screening level assessment method. The risk estimates show that the levels at the site do not pose a human health risk to the students or to the staff using an unrestricted residential land use scenario.

The results of the Phase I Addendum support the following conclusions and recommendations:

Per California Education Code Section 17213.1, Section 3, and the results of the Phase I Addendum, PlaceWorks conclude that further investigation of the site is not necessary.

7. References

1. American Society for Testing and Materials (ASTM) Practice for ESAs: Phase I Assessments Process (ASTM Standard E 1527-13), November 2013.
2. California Department of Toxic Substances Control (DTSC), 2001. Phase I Environmental Site Assessment Advisory: School Property Evaluations, Revised September 5, 2001.
3. California Department of Toxic Substances Control (DTSC), 2006. Guidance for Evaluating School Sites with Potential Soil Contamination as a result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers dated June 2006.
4. California Department of Toxic Substances Control (DTSC), 2011. User's Guide to Leadsread 8 and Recommendation for Evaluation of Lead Exposures in Adults. Human and Ecological Risk Office. September 2011.
5. California Department of Toxic Substances Control (DTSC), 2015, Preliminary Endangerment Assessment Guidance Manual, January 1994, Interim Final – Revised October 2015.
6. California Department of Toxic Substances Control (DTSC), 2017. Human Health Risk Assessment (HHRA) Note Number 3, DTSC –modified Screening Levels (DTSC-SLs). June 2017.
7. PlaceWorks, 2018. Phase I Environmental Site Eastside School: Site A Lincoln High School for Riverside Unified School District. September 2018.
8. USEPA, 1991. Office of Emergency and Remedial Response (OERR) Directive 9345.3-02. Management of Investigation-Derived Wastes During Site Inspections. May.
9. USEPA, 1994. Office of Solid Waste and Emergency Response. Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses. Publication 9240.1-26.
10. USEPA, 2017. Pacific Southwest, Region 9. Regional Screening Levels. Updated June 2017. <https://semspub.epa.gov/work/03/2229085.pdf>

7. References

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Tables

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**TABLE 1
 SAMPLING AND ANALYSIS PROGRAM
 Solana Vista Elementary School Modernization
 Solana Beach Unified School District
 Solana Beach, California**

Sample Number	Depth (feet bgs)	Date	Rationale	EPA 8081A OCPs	EPA 6010B Lead
Soil Samples					
B-1	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-1, B-2, B-3, B-4	D
	2.5'			Composite B-1, B-2, B-3, B-4	
B-2	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-1, B-2, B-3, B-4	D
	2.5'			Composite B-1, B-2, B-3, B-4	
B-3	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-1, B-2, B-3, B-4	D
	2.5'			Composite B-1, B-2, B-3, B-4	
B-4	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-1, B-2, B-3, B-4	D
	2.5'			Composite B-1, B-2, B-3, B-4	
B-5	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-5, B-6, B-7, B-8	D
	2.5'			Composite B-5, B-6, B-7, B-8	
B-6	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-5, B-6, B-7, B-8	D
	2.5'			Composite B-5, B-6, B-7, B-8	
B-7	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-5, B-6, B-7, B-8	D
	2.5'			Composite B-5, B-6, B-7, B-8	
B-8	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-5, B-6, B-7, B-8	D
	2.5'			Composite B-5, B-6, B-7, B-8	
B-9	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-9, B-11, B-12	D
	2.5'			Composite B-9, B-11, B-12	
B-10	0.5'	2/21/2019	Painted Storage Bin		D
	2.5'				
B-11	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-9, B-11, B-12	D
	2.5'			Composite B-9, B-11, B-12	
B-12	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-9, B-11, B-12	D
	2.5'			Composite B-9, B-11, B-12	
B-13	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-13 DUP	0.5'	2/21/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	DUP
B-14	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-14 DUP	0.5'	2/21/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	DUP
B-15	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-15 DUP	0.5'	2/21/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Solana Vista Elementary School Modernization
Solana Beach Unified School District
Solana Beach, California

Sample Number	Depth (feet bgs)	Date	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-16	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-16, B-17, B-18, B-19	D
	2.5'			Composite B-16, B-17, B-18, B-19	
B-17	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-16, B-17, B-18, B-19	D
	2.5'			Composite B-16, B-17, B-18, B-19	
B-18	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-16, B-17, B-18, B-19	D
	2.5'			Composite B-16, B-17, B-18, B-19	
B-19	0.5'	2/21/2019	Historic Structure and School Buildings	Composite B-16, B-17, B-18, B-19	D
	2.5'			Composite B-16, B-17, B-18, B-19	
B-20	0.5'	2/21/2019	Portable Classrooms		D
	2.5'				
Total				10 C, 1 C DUP	20 D, 2 DUPs

Note:

OCPs = organochlorine pesticides

D=Discrete; C=Composite; DUP=Duplicate

NA= Not available

TABLE 2
SUMMARY TABLE OF ORGANOCHLORINE PESTICIDES IN SOIL
Solana Vista Elementary School Modernization
Solana Beach Unified School District
Solana Beach, California

Sample Number	Depth (feet bgs)	Sample Date	Concentration (milligrams per kilogram [mg/kg])					
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane	Dieldrin	Endrin Aldehyde
Composite B-1, B-2, B-3, B-4	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Composite B-5, B-6, B-7, B-8	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Composite B-9, B-11, B-12	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Composite B-13, B-14, B-15	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Composite B-13 DUP, B-14 DUP, B-15 DUP	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Composite B-16, B-17, B-18, B-19	0.5'	2/21/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020	<0.0020
Maximum Concentration Detected			ND	ND	ND	ND	ND	ND
EPA Region 9 RSLs			1.9	2	1.9	1.7	0.034	19
EPA Region 9 RSLs for 3:1 Composite			0.63	0.67	0.63	0.57	0.011	6.33
EPA Region 9 RSLs for 4:1 Composite			0.48	0.50	0.48	0.43	0.009	4.75
DTSC SLs						0.44		
DTSC SLs for 3:1 Composite						0.15		
DTSC SLs for 4:1 Composite						0.11		

Notes:

< - Non detect at the established method detection limit. ND = nondetect
EPA= Environmental Protection Agency, RSL= Regional Screening Levels
DTSC= Department of Toxic Substances Control, SLs= Screening Levels
Samples analyzed by EPA Method 8081A
The complete laboratory analytical reports are included in Appendix A.

TABLE 3
SUMMARY TABLE OF LEAD IN SOIL
Solana Vista Elementary School Modernization
Solana Beach Unified School District
Solana Beach, California

Concentration (milligrams per kilogram [mg/kg])			
Sample Number	Sample Depth	Sample Date	Lead
B-1	0.5'	2/21/2019	4.95
B-2	0.5'	2/21/2019	3.89
B-3	0.5'	2/21/2019	5.95
B-4	0.5'	2/21/2019	2.04
B-5	0.5'	2/21/2019	2.17
B-6	0.5'	2/21/2019	2.36
B-7	0.5'	2/21/2019	2.75
B-8	0.5'	2/21/2019	5.05
B-9	0.5'	2/21/2019	3.47
B-10	0.5'	2/21/2019	6.47
B-11	0.5'	2/21/2019	5.79
B-12	0.5'	2/21/2019	2.03
B-13	0.5'	2/21/2019	2.1
B-13 DUP	0.5'	2/21/2019	1.71
B-14	0.5'	2/21/2019	3.6
B-14 DUP	0.5'	2/21/2019	3.48
B-15	0.5'	2/21/2019	3.14
B-16	0.5'	2/21/2019	15.4
B-17	0.5'	2/21/2019	3.5
B-18	0.5'	2/21/2019	3.81
B-19	0.5'	2/21/2019	3.09
B-20	0.5'	2/21/2019	3.05
Number of Samples			22.0
Number of Detects			22.0
Maximum			15.4
Minimum			1.7
Arithmetic Mean			4.0
Standard Deviation			2.9
tn-1 (0.05)			1.7
95% UCL			5.1
DTSC SLs			80

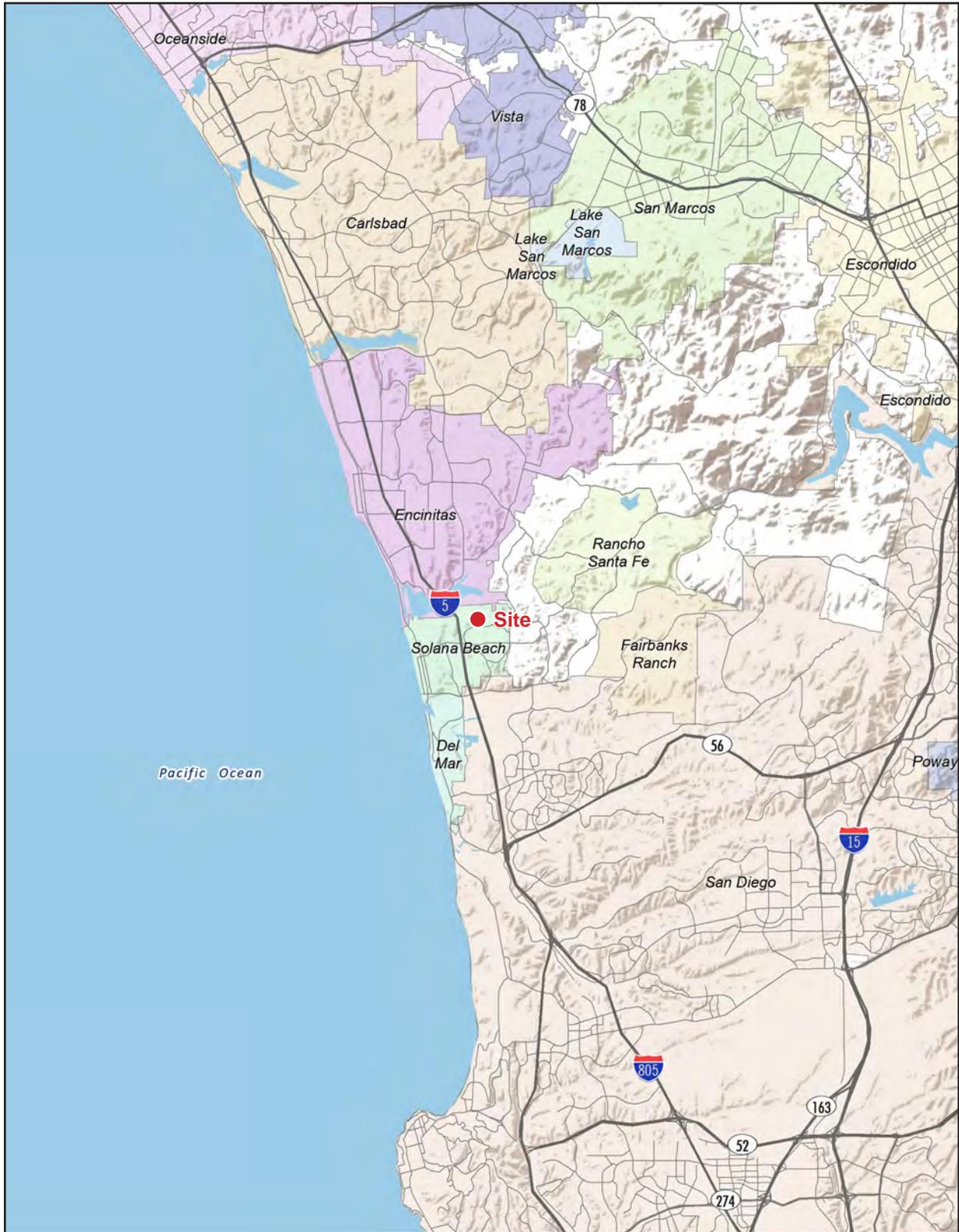
Notes:

< - Non detect at the established method detection limit.
DTSC= Department of Toxic Substances Control, SLs= Screening Levels
The complete laboratory analytical reports are included in Appendix A.
Highlighted cells indicate concentrations above agency screening levels.

Figures

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Figure 1 - Regional Location

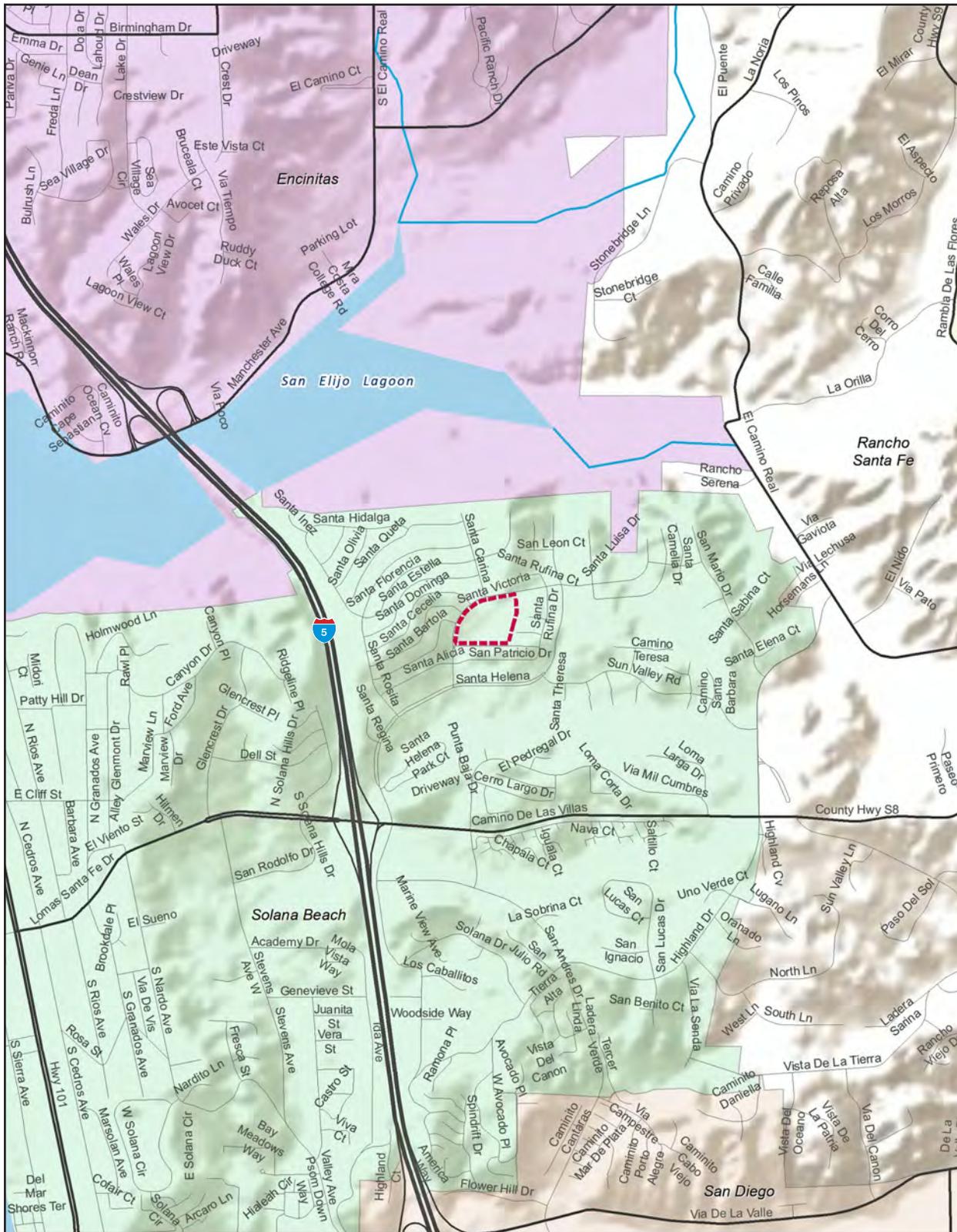


Note: Unincorporated county areas are shown in white.



Source: ESRI, 2018

Figure 2 - Local Vicinity



Note: Unincorporated county areas are shown in white.

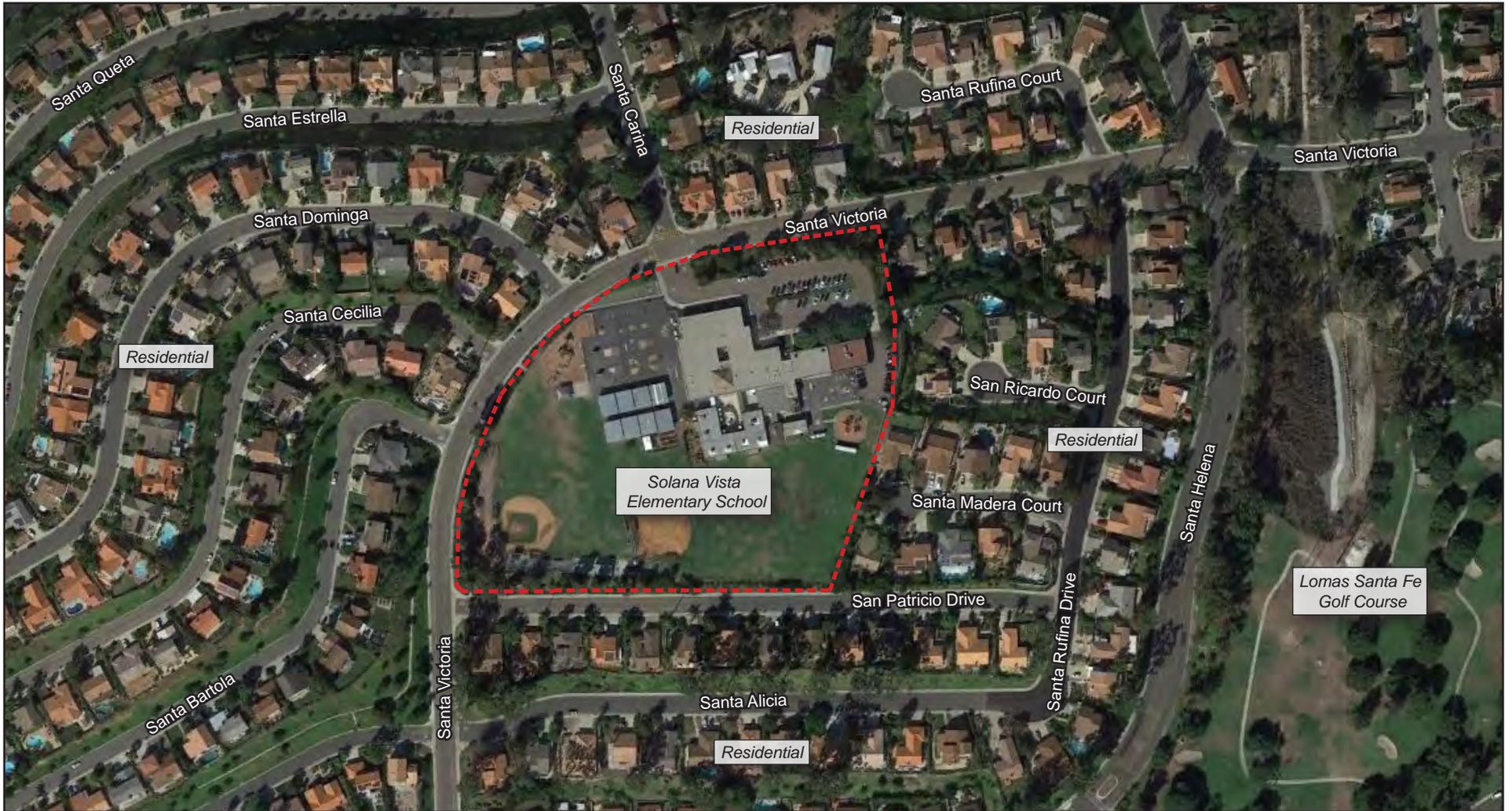
--- Project Site

0 2,000
Scale (Feet)



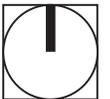
Source: ESRI, 2018

Figure 3 - Aerial Photograph



----- Project Site

0 500
Scale (Feet)



Source: Google Earth, 2016

Figure 4 - Sample Locations



— Project Site

● B-1 Proposed Sample Locations (20)

0 150
Scale (Feet)



Source: Google Earth, 2019

Appendix A. Laboratory Reports

Appendix

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A & R Laboratories, Inc.

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951-779-0310

www.arlaboratories.com

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ELAP#s	2789
	2790
	2122

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CASE NARRATIVE

Authorized Signature Name / Title (print)

Ken Zheng, President

Signature / Date

Ken Zheng, President
02/27/2019 9:25:25

Laboratory Job No. (Certificate of Analysis No.)

1902-00185

Project Name / No.

SOLANA VISTA ES, SOLANA BEACH, CA SBS-05.0

Dates Sampled (from/to)

02/21/19 To 02/21/19

Dates Received (from/to)

02/22/19 To 02/22/19

Dates Reported (from/to)

02/27/19 To 2/27/2019

Chains of Custody Received

Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Other Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

None



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	2122

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CERTIFICATE OF ANALYSIS

1902-00185

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Date Reported 02/27/19
Date Received 02/22/19
Invoice No. 84896
Cust # P135
Permit Number
Customer P.O. SBSD-05.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 B-1@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 7:15	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	4.95		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 002 B-2@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 7:36	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.89		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 003 B-3@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 8:00	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	5.95		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 004 B-4@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 8:15	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.04		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 005 B-5@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 8:34	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.17		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 006 B-6@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 8:53	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.36		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB

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CERTIFICATE OF ANALYSIS

1902-00185

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Date Reported 02/27/19
Date Received 02/22/19
Invoice No. 84896
Cust # P135
Permit Number
Customer P.O. SBSB-05.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 B-7@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 9:20	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.75		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 008 B-8@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 9:38	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	5.05		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 009 B-9@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 9:58	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.47		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 010 B-10@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 10:25	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	6.47		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 011 B-11@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 10:38	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	5.79		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 012 B-12@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 10:58	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.03		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB

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Project: SOLANA VISTA ES, SOLANA BEACH, CA

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 B-13@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 11:15	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	2.10		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 014 B-13 DUP@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 11:16	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	1.71		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 015 B-14@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 11:38	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.60		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 016 B-14 DUP@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 11:39	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.48		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 017 B-15@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 12:03	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.14		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 018 B-16@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19 @ 12:40	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	15.4		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB

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Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 B-17@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19	@ 12:59
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.50		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 020 B-18@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19	@ 13:14
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.81		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 021 B-19@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19	@ 13:24
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.09		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 022 B-20@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19	@ 13:41
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/25/19	TLB
Lead	3.05		mg/Kg	EPA 6010B	1.0	0.500	02/25/19	TLB
Sample: 023 COMPOSITE: B-1, B-2, B-3, B-4@0.5' Sample Matrix: Soil					Date & Time Sampled:		02/21/19	@ 7:15
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 COMPOSITE: B-1, B-2, B-3, B-4@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	111		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	109		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 024 COMPOSITE: B-1, B-2, B-3, B-4@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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DENISE CLENDENING

2850 INLAND EMPIRE BLVD.

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Project: SOLANA VISTA ES, SOLANA BEACH, CA

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Invoice No. 84896

Cust # P135

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 COMPOSITE: B-1, B-2, B-3, B-4@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Endosulfan I	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 025 COMPOSITE: B-5, B-6, B-7, B-8@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 COMPOSITE: B-5, B-6, B-7, B-8@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	129		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	125		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 026 COMPOSITE: B-5, B-6, B-7, B-8@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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CERTIFICATE OF ANALYSIS

1902-00185

PLACEWORKS

DENISE CLENDENING

2850 INLAND EMPIRE BLVD.

SUITE B

ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Date Reported 02/27/19

Date Received 02/22/19

Invoice No. 84896

Cust # P135

Permit Number

Customer P.O. SBSB-05.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 026 COMPOSITE: B-5, B-6, B-7, B-8@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	129		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	132		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 027 COMPOSITE: B-9, B-11, B-12@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL

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Cust # P135
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Customer P.O. SBSD-05.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 027 COMPOSITE: B-9, B-11, B-12@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	113		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 028 COMPOSITE: B-9, B-11, B-12@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	02/22/19	AL

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 028 COMPOSITE: B-9, B-11, B-12@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Decachlorobiphenyl	121		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 029 COMPOSITE: B-13, B-14, B-15@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	106		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	115		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 030 COMPOSITE: B-13DUP, B-14DUP, B-15DUP@0.5							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 030 COMPOSITE: B-13DUP, B-14DUP, B-15DUP@0.5							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	133		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	125		%REC	EPA 8081A/8082		50-150	02/22/19	AL

Sample: 031 COMPOSITE: B-13, B-14, B-15@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 031 COMPOSITE: B-13, B-14, B-15@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	123		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 032 COMPOSITE: B-16, B-17, B-18, B-19@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

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FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
	2122

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CERTIFICATE OF ANALYSIS

1902-00185

Date Reported 02/27/19
Date Received 02/22/19
Invoice No. 84896
Cust # P135
Permit Number
Customer P.O. SBSD-05.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 032 COMPOSITE: B-16, B-17, B-18, B-19@0.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	110		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	121		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Sample: 033 COMPOSITE: B-16, B-17, B-18, B-19@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/22/19	AL
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research



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CERTIFICATE OF ANALYSIS

1902-00185

Date Reported 02/27/19
Date Received 02/22/19
Invoice No. 84896
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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 033 COMPOSITE: B-16, B-17, B-18, B-19@2.5'							Date & Time Sampled: 02/21/19 @ 7:15	
Sample Matrix: Soil								
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/22/19	AL
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/22/19	AL
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/22/19	AL
[Surrogates]								
Tetrachloro-m-xylene	129		%REC	EPA 8081A/8082		50-150	02/22/19	AL
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	02/22/19	AL

Respectfully Submitted:

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician



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As regulatory limits change frequently, A & R Laboratories advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.



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QUALITY CONTROL DATA REPORT

PLACEWORKS
 ONTARIO, CA 91764

1902-00185

Date Reported 02/27/2019
 Date Received 02/22/2019
 Date Sampled 02/21/2019
 Invoice No. 84896
 Customer # P135
 Customer P.O. SBS05-00

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Method # EPA 6010B

QC Reference # 79656 Date Analyzed: 2/25/2019 Technician: TLB

Samples 021 022

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Arsenic	104	105	1.2	115	117	1.1
Cadmium	101	105	3.2	101	102	0.6
Chromium	103	104	1.2	120	121	0.3
Copper	102	105	2.5	130	131	0.8
Lead	104	106	2.2	114	114	0.6
Nickel	103	104	1.7	118	119	0.4
Selenium	103	106	3.3	97	98	0.4
Zinc	102	103	1.3	101	102	0.4

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20
75 - 125	0 - 20	0 - 20

QC Reference # 79662 Date Analyzed: 2/25/2019 Technician: TLB

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	106	107	0.9	105	105	0.4

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

Method # EPA 8081A

QC Reference # 79686 Date Analyzed: 2/22/2019 Technician: AL

Samples 023 024 025 026 027 028 029 030 031 032 033

Results

	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
4,4'-DDT	94	89	90	1
Aldrin	130	160	155	5
Dieldrin	130	155	160	5
Endrin	130	119	123	4
gamma-BHC	125	120	125	5
Heptachlor	120	118	120	2

Control Ranges

LCS %REC	SPIKE %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

Method # EPA 8081A/8082

QC Reference # 79686 Date Analyzed: 2/22/2019 Technician: AL

Samples 023 024 025 026 027 028 029 030 031 032 033

Results

	BLKSRR%R EC
Decachlorobiphenyl	107
Tetrachloro-m-xylene	114

Control Ranges

BLKSRR%REC
50 - 150
50 - 150

No method blank results were above reporting limit



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QUALITY CONTROL DATA REPORT

PLACEWORKS

1902-00185

Date Reported	02/27/2019
Date Received	02/22/2019
Date Sampled	02/21/2019

Project: SOLANA VISTA ES, SOLANA BEACH, CA

Respectfully Submitted:

Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.



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CHAIN OF CUSTODY

A & R Work Order #:
1902-185

Client Name PLACEWORKS				<input checked="" type="checkbox"/> Chilled		Analyses Requested										Turn Around Time Requested						
E-mail DCLDENING@PLACEWORKS.COM				<input checked="" type="checkbox"/> Intact												<input type="checkbox"/> Rush 8 12 24 48 Hours <input checked="" type="checkbox"/> Normal						
Address 2850 ENLAND EMARE BL SUKAB ONAMA DENVER				<input type="checkbox"/> Seal																		
Report Attention Denver		Phone # 909 999 4449		Sampled By M. WATSON		EPA8260B (VOCs & Oxygenates) EPA8260B(BTEX & Oxygenates) LUFT / 8015 (Gasoline) LUFT / 8015 (Diesel) EPA8081A (Organochlorine Pesticides) EPA 8082 (PCBs) EPA 8015M (Carbon Chain C4-C40) EPA 6010B/7000 (CAM 17 Metals) Micro: Plate Cnt., Colliform, E-Coll 6010B Lead																
Project No./ Name SBSD-05.0		Project Site SOLANA VISTA ES SOLANA BEACH, CA																				
Lab # (Lab use)	Client Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container											Remarks					
		Date	Time																			
1	B-1e0.5'	2/2/19	0715	Soil	ice	2 glass jar																(23) B-1, B-2, B-3 B-4e0.5'
	B-1e2.5'		0725																			(24) B-1, B-2, B-3 B-4e2.5'
2	B-2e0.5'		0736																			See B-1e0.5'
	B-2e2.5'		0745																			See B-1e2.5'
3	B-3e0.5'		0800																			See B-1e0.5'
	B-3e2.5'		0808																			See B-1e2.5'
4	B-4e0.5'		0815																			See B-1e0.5'
	B-4e2.5'		0823																			See B-1e2.5'
5	B-5e0.5'		0834																			(25) B-5, B-6, B-7 B-8e0.5'
	B-5e2.5'		0845																			(26) B-5, B-6, B-7 B-8e2.5'
6	B-6e0.5'		0853																			See B-5e0.5'
	B-6e2.5'		0900																			See B-5e2.5'
7	B-7e0.5'		0920																			See B-5e0.5'
	B-7e2.5'		0927																			See B-5e2.5'
8	B-8e0.5'		0938																			See B-5e0.5'
Relinquished By [Signature] Company PLACEWORKS Date 2/22/19 Time 0945		Received By [Signature] Company A&R Date 2/24/19 Time 0945		Note: Samples are discarded 30 days after results are reported unless other arrangements are made.																		
Relinquished By _____ Company _____ Date _____ Time _____		Received By _____ Company _____ Date _____ Time _____																				

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO3	SH=NaOH ST=Na2S2O3 HS=H2SO4	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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CHAIN OF CUSTODY

A & R Work Order #:

1902-185

Page 2 of 3

Client Name PLA WORKS				<input checked="" type="checkbox"/> Chilled		Analyses Requested										Turn Around Time Requested											
E-mail DCLDENINGE@PLACWORKS.COM				<input checked="" type="checkbox"/> Intact												EPA8260B (VOCs & Oxygenates)		EPA8260B (BTEX & Oxygenates)		LUFT / 8015 (Gasoline)		LUFT / 8015 (Diesel)		EPA8081A (Organochlorine Pesticides)		EPA 8082 (PCBs)	
Address 2850 INLAND EMERALD BLVD SUITE B ONTARIO CA 91764				<input type="checkbox"/> Seal		Report Attention Denise		Phone # 909 989 4449		Sampled By M. Watson		Project No./ Name SBSD-05.0		Project Site SOLANA VISTA ES SOLANA BEACH, CA										Remarks			
Lab # (Lab use)	Client Sample ID	Sample Collection Date Time		Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B (BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Gold Lead		Hold									
	B-802.5'	2/21/19	0946	soil	ice	1 glass jar					C															see B-502.5'	
9	B-900.5'		0958								C					X										(27) B-9, B-11, B-12 20.5'	
	B-902.5'		1010								C															(28) B-9, B-11, B-12 22.5'	
10	B-1000.5'		1025													X											
	B-1002.5'		1035																								
11	B-1100.5'		1038								C					X											see B-900.5'
	B-1102.5'		1045								C																see B-902.5'
12	B-1200.5'		1058								C					X											see B-900.5'
	B-1202.5'		1105								C																see B-902.5'
13	B-1300.5'		1115								C					X											(29) B-13, B-14, B-15 20.5'
14	B-1300P00.5'		1116								C					X											(30) B-13, B-14, B-15 20.5'
	B-1302.5'		1125								C																(31) B-13, B-14, B-15 22.5'
15	B-1400.5'		1138								C					X											see B-1300.5'
16	B-1400P00.5'		1139								C					X											see B-1300P00.5'
	B-1402.5'		1146								C																see B-1302.5'
Relinquished By [Signature] Company PLACWORKS		Date 2/22/19 Time 0945		Received By [Signature] Company A&R		Date 2/22/19 Time 0945		Note: Samples are discarded 30 days after results are reported unless other arrangements are made.																			
Relinquished By		Date		Received By		Date																					

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO3	SH=NaOH ST=Na2S2O3 HS=H2SO4	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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Client Name PLACEWORKS				<input checked="" type="checkbox"/> Chilled		Analyses Requested										Turn Around Time Requested			
E-mail DCLENDING@PLACEWORKS.COM				<input checked="" type="checkbox"/> Intact		EPA8260B (VOCs & Oxygenates)	EPA8260B (BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	60108 Lead	Hold	<input type="checkbox"/> Rush 8 12 24 48 Hours		<input checked="" type="checkbox"/> Normal
Address 2850 INLAND AVENUE BLDG 1075B ONTARIO 91764				<input type="checkbox"/> Seal													<input type="checkbox"/> Remarks		
Report Attention Denise		Phone # 909-989-4449		Sampled By M. Watson															
Project No./ Name SBS0-05.0		Project Site SOLANA VISTA ES SOLANA BEACH, CA																	
Lab # <small>(Lab use)</small>	Client Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container											Remarks		
		Date	Time																
17	B-15e0.5'	2/21/19	1203	soil	ice	1 glass jar													see B-13e0.5'
	B-15d1e0.5'		1204																see B-13e0.5'
	B-15e2.5'		1212																see B-13e2.5'
18	B-16e0.5'		1240																(32) B-16, B-17, B-18, B-19e0.5'
	B-16e2.5'		1251																(33) B-16, B-17, B-18, B-19e2.5'
19	B-17e0.5'		1259																see B-16e0.5'
	B-17e2.5'		1306																see B-16e2.5'
20	B-18e0.5'		1314																see B-16e0.5'
	B-18e2.5'		1321																see B-16e2.5'
21	B-19e0.5'		1324																see B-16e0.5'
	B-19e2.5'		1330																see B-16e2.5'
22	B-20e0.5'		1341																
	B-20e2.5'		1351																X

Relinquished By Denise	Company PLACEWORKS	Date 2/21/19	Time 0945	Received By Chris	Company A&R	Date 2/21/19	Time 0945
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO3	SH=NaOH ST=Na2S2O3 HS=H2SO4	* Sample Container Types: T=Teclor Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
--------------	--	--	-------------------	-----------------------------	-----------------------------------	--	---	-----------



Sample Acceptance Checklist

CLIENT: Placeworks

WORK ORDER NUMBER: 1902-185

Temperature: (Criteria: 0.0°C-6.0°C)
 Sample Temp. (w/CF) °C (w/CF) 3.1°C

Sample(s) outside temperature criteria: PM contacted by : _____
 Sample(s) outside temperature criteria, but received on ice/chilled on same day of sampling.
 Sample(s) received at ambient temperature; placed on ice for transport by courier.
 Ambient Temperature Air Filter

CUSTODY SEAL:
 Cooler Present and Intact Present and Not Intact Not Present
 Sample(s) Present and Intact Present and Not Intact Not Present

Sample Condition:	Yes	No	N/A
Was a COC received	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relinquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were all samples sealed in plastic bags?		✓	
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of samples sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?			✓

Explanations/Comments:

Notification:
 For discrepancies, how was the Project Manager notified? Verbal
 Verbal: PM Initials: _____ Data/Time: _____
 Email: Send to: _____ Data/Time: _____
 Project Manager's response:

Completed By: [Signature]

Date: 2-22-19

Appendix E. Questionnaire

Appendix

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Environmental Site Assessment Questionnaire for Client

The following information is requested to evaluate the potential for environmentally-related impacts and property contamination. This questionnaire is to be completed by the User of the Phase I Environmental Site Assessment, as defined by ASTM E-1527-13, or its authorized representative.

PART I

1. <u>Project description</u> : Solana Beach School District (District) proposes to reconstruct Solana Vista Elementary School. The existing elementary school was constructed in 1971 on the northeast portion of the site. The District plans on constructing a new school on the southwestern portion of the site.
2. <u>Property address(es) and Assessor Parcel Number(s) (APN)</u> : The project site is at 780 Santa Victoria, in the City of Solana Beach, San Diego County, California (Assessor's Parcel Numbers [APNs] 263-291-3400 and 263-291-3300).
3. <u>Current property owner (name, address, telephone number)</u> : Solana Beach School District
4. <u>Current property development/improvements</u> : Existing elementary school.
5. <u>Date(s) of current property development/improvements</u> : The school was originally constructed in 1971 and additional buildings were added in the 1980s and portables were placed on the site in 2005. Rooms 10-13 1980 Rooms 19-20 1983 Rooms 14-16 1984 Rooms 24-26 2003 - Leased Rooms 28-29 (old numbers 27-28) 2007 – relocated from CC Rooms 27,30,31 2011 - Leased
6. <u>Past property use, development/improvements</u> : Vacant until school constructed in 1971.
7. <u>Neighboring property uses</u> : The surrounding community is primarily residential with a golf course located to the south and east. .

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PART II

1. Are you aware of any environmental cleanup liens against the property that are filed under federal, tribal, local or state law?	Yes	No
		X
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
		X
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
		X
4. 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, (a) do you know of specific chemicals that are present at the <i>property</i> ? (b) do you know of spills or other chemical releases that have taken place at the <i>property</i> ? (c) do you know of any environmental cleanups that have taken place at the <i>property</i> ?	Yes	No
		X
5. 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
		X
6. 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> ? <u>N/A</u>	Yes	No
7. Are you aware of any past or present above ground or underground storage tanks on the <i>property</i> ? To your knowledge, has there ever been any hazardous substances or wastes stored on the <i>property</i> ?	Yes	No
		X

If a "Yes" response was provided to Questions 1 – 5 or a "No" response was provided to Question 6, please provide details below:

I certify that the information provided herein is true and correct to the best of my knowledge as of the date signed below.

Name (Printed/Typed): _____

Signature: _____ Date: _____

Appendix F. Qualifications

Appendix

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DENISE CLENDENING, PhD

Associate Principal, Site Assessment Services

Denise has over 27 years of experience providing technical oversight and performing human health risk assessments, site assessments, and investigations of chemical waste at multiple sites including Resource Conservation & Recovery Act (RCRA) and Superfund sites. She is adept at applying alternatives that are economical yet protective of human health and the environment. She conducts realistic assessments and calculates target cleanup levels based on site-specific exposure scenarios. Her work has involved pesticides, heavy metals, solvents, and petroleum-contaminated soils. She assists multiple school districts in California with site assessment, public relations, and the Department of Toxic Substance Control (DTSC) school site approval process. She participates in public hearings and school board meetings and coordinates her projects with the CEQA process.

Before joining PlaceWorks, Denise managed large divestiture environmental due diligence projects for the electric power industry and was involved in numerous environmental projects for oil field operation. Her experience also includes the development and testing of risk assessment software and teaching training courses in risk assessment using different software programs.

Denise has established a very good reputation with regulatory agencies and negotiates risk-related issues on behalf of her clients. She is a member of the Los Angeles Regional Water Quality Control Board Underground Storage Tank Advisory Board and has extensive experience with site closure activities with the DTSC, Environmental Protection Agency, Regional Water Quality Control Boards, and local oversight agencies throughout California.

HIGHLIGHTS OF EXPERIENCE

ENVIRONMENTAL & HEALTH RISK ASSESSMENTS

- » Xerox Corporation Preliminary Environmental Assessment and Health Risk Assessment | Santa Ana CA
- » Human Health Risk Evaluation, Literature Research for American Petroleum Institute
- » City of Redlands Health Risk Assessment | Redlands CA
- » Caltrans Risk Assessment and Groundwater Impact Analysis | California
- » Risk Assessments and Indoor Air Sampling for Confidential Client(s) | Various Locations
- » Human Health & Ecological Risk Assessment – Technical Review | Various Locations
- » Landfill Risk Assessments | Various Locations
- » Risk Assessments for Pesticide Contaminated Soil | Various Locations
- » Human Health Risk Assessment for Confidential Mineral Resources Client | Arizona
- » Human Health Risk Assessment at Whites Point Nike Missile Site | Los Angeles County CA
- » Human Health Risk Assessment at Fort MacArthur | Los Angeles County CA

EDUCATION

- » PhD, Soil Physics, University of California, Riverside
- » MS, Soil Science, University of California, Riverside
- » BS, Geology, University of California, Riverside

CERTIFICATIONS

- » Oil Spill Response Training

AFFILIATIONS

- » Soil Science Society of America
- » American Geophysical Union
- » American Chemical Society
- » Society of Risk Analysis
- » Coalition of Adequate School Housing

Team member since 2005



DENISE CLENDENING

Associate Principal

dclendening@placeworks.com

SITE ASSESSMENTS

- » Site Remediation for Hull Middle School | Torrance CA
- » PEA for New High School, William S. Hart UHSD | Castaic CA
- » Phase I for Property at East Briar Drive | San Bernardino County CA
- » PEA for Stella Academy Middle School | Los Angeles CA
- » Phase I for Valley Boulevard Widening | City of Industry CA
- » Oil Field Preliminary Environmental Assessment | Culver City CA
- » Lead-Based Paint Evaluations | Various Locations
- » Cogeneration Facilities Permit Applications | Various Locations throughout California
- » NRG Energy Environmental Due Diligence Investigations | California
- » AES Environmental Due Diligence Work Plans | California
- » Remedial Investigation and Remedial Action for Jersey Avenue Elementary School Site (Congresswomen Grace Napolitano presented award for special congressional recognition for project), Little Lake City School District | City of Santa Fe Springs CA
- » Preliminary Environmental Assessments for over 100 school sites throughout California
- » Phase I ESA and PEAs for four school sites, Moreno Valley USD
- » Phase I ESAs, PEAs, SSIs and RAWs for eight school sites, San Bernardino County Superintendent of Schools
- » Phase I ESA for Elementary School No. 19, Rialto USD
- » PEA and SSI for the New High School No. 3 Site, Colton Joint USD
- » Phase I ESA and PEAs for four school sites, Lynwood USD
- » Phase I ESA for the Proposed Elementary School No. 8, San Ysidro School District
- » Phase I ESA for the Proposed K–8 Parker Dam School, Needles USD
- » PEAs for three school sites and environmental and legislative support services, Santa Ana USD
- » Phase I ESA, PSHA, and PEA for Community Day School, Eastside USD
- » PEAs for five school sites in Clovis | Clovis CA
- » PEA for redevelopment project for the City of South Gate | South Gate CA
- » Phase I ESA for Arrowhead Springs Resort I | San Bernardino CA
- » Phase I ESA for two Charter Schools for Green Dot Public Schools | Los Angeles CA
- » Phase I and Phase II ESA for Former Service Station | Los Angeles CA
- » Phase I ESAs, PEA, SSIs, and fill testing for multiple school sites, Pomona USD
- » PEA and methane gas testing, Encinitas USD
- » Phase I ESA and lead testing for multiple sites, Fontana USD
- » Proponent’s Environmental Assessment for PUC | Long Beach CA
- » Initial Site Assessments for Street Widening Projects | Santa Ana CA
- » Phase I ESAs for Renaissance Community Fund | Corona CA

TITLE 5/CDE RISK ASSESSMENTS

- » Geohazard Assessment for Inglewood Site, Today’s Fresh Start Charter School
- » PEAs and Title 5 Assessments for three school sites, Redlands USD
- » Title 5 Compliance Study Reports for four sites, Whittier Union High School District
- » Prairie Vista Lead Testing, Hawthorne USD
- » Environmental Support and Risk Assessment for school sites, San Dieguito Union High School District
- » Human Health Risk Assessment School Site, Pomona USD
- » Title 5 Hazard and Constraints Analysis for four school sites, Irvine USD
- » Title 5 Hazard and Constraints Analysis for school site, Rialto USD



MICHAEL WATSON, PG

Project Geologist

With over a decade in the environmental consulting industry, Mike is proficient in providing field and office support to project managers performing site assessment and remediation. He performs site assessments, geohazard studies, air quality and industrial hygiene assessments, groundwater investigations, and remedial actions. Mike also manages materials acquisition, field equipment maintenance, and subcontractor coordination on large field investigations and monitoring programs.

A dedicated geologist, Mike continually strives to refine his knowledge, methods, and efficacy. He is especially committed to his current work for numerous school districts throughout California, where he assists in site assessment services and the Department of Toxic Substances Control's school site approval process. He performs Phase I ESAs, PEAs, geohazard studies, supplemental site investigations, remedial investigation reports, removal action documents, feasibility study reports, Title 5 Constraints Studies, and fill testing reports. In addition, he assists with the management and implementation of field investigations, assembles project data, and arranges methodical and comprehensive procedures to attain the client's goals.

HIGHLIGHTS OF EXPERIENCE

SITE ASSESSMENTS

- » PEAs, Phase I ESAs, Geohazards Study Reports, and Title 5 Studies for various schools | Moreno Valley USD
- » PEAs and Fill Testing for various schools | Clovis USD
- » PEA for Proposed Castaic High School | William S. Hart Union High School District
- » Phase I ESA for Proposed K-8 Parker Dam School | Needles USD
- » Removal Action, Fill Testing, and Quarterly Groundwater Sampling for Central Region High School No. 13 | Los Angeles USD
- » Removal Actions for Chaffey West Community Day School and Chino Early Education Center | San Bernardino County Superintendent of Schools
- » Phase I ESA for Citrus Creek Residential Development | Upland CA
- » Phase I ESA for the Arrowhead Springs Resort | San Bernardino CA
- » Phase I/II ESAs for Former Gas Station | Los Angeles CA
- » Quarterly Groundwater Sampling, Remedial Investigation and Remedial Action for Santa Fe Springs Athletic Fields | Little Lake City School District/Santa Fe Springs CA
- » Environmental Services for various schools | Hayward USD

REGULATORY COMPLIANCE & STRATEGIC PLANNING

- » Environmental Auditing for General Motors Railroad Locomotive Service Facility | Commerce CA
- » Construction Site Review Implementation, RAW, and Methane Mitigation System Inspection for Hull Middle School | Torrance USD
- » Underground Storage Tank Closure Report and Construction Response – Removal of Six Hydraulic Lifts for Central Region Elementary School No. 13 | Los Angeles USD
- » Removal Action, Oil Well Reabandonment, Crude Oil Pipeline Removal, Construction Response Services, and Construction Site Review Implementation for Harry Bridges Span K-8 | Los Angeles USD

EDUCATION

- » BS, Geology, University of California, Riverside

REGISTRATIONS

- » California Professional Geologist No. 8177

CERTIFICATIONS

- » 40-Hour Hazardous Waste Workers (HAZWOPER) Certification
- » 24-Hour First Responders Certification
- » 8-Hour HAZWOPER Refresher Certification
- » CPR/First Aid Certification
- » NITON X-ray Fluorescence (XRF) Analyzer Certification

AFFILIATIONS

- » Geological Society of America
- » Association of Environmental and Engineering Geologists
- » Seismological Society of America
- » Inland Geological Society
- » South Coast Geological Society

Team member since 2005





MICHAEL WATSON

Project Geologist

mwatson@placeworks.com

- » Operations and Maintenance Inspection and Monitoring Reports, Five-Year Review Report, and Decommissioning of Methane Mitigation System at Woodcrest Jr. High and Liberty Elementary | Chino Valley USD
- » Corrective Measures Study and Quarterly Groundwater Monitoring for Raymond A. Villa Fundamental Intermediate School | Santa Ana USD
- » Soil Vapor and Groundwater Monitoring, Soil Vapor Extraction System Monitoring and AQMD compliance for Former Sargent Industries Facility | Huntington Park CA

CEQA/TITLE 5 ASSESSMENTS

- » CollegeTown Specific Plan EIR | Fullerton CA
- » Anaheim Canyon Specific Plan EIR | Anaheim CA
- » Title 5 studies for various schools in Westminster and Huntington Beach | Westminster School District
- » City of El Monte General Plan | El Monte CA
- » City of Industry General Plan | Industry CA
- » Irvine Business Center | Irvine CA

PUBLICATIONS

- » Watson, M. J., and S. Jorgensen, 2001. Geologic Map of the Margarita Peak 7.5 Minute Quadrangle, San Diego County, California: A Digital Database, Version 1.0. Mapping by S. S. Tan. California Division of Mines and Geology, Preliminary Geologic Map.
- » Watson, M. J. and others, 2003. Quaternary Geologic Materials Map of Part of the Juniper Hills 7.5 Minute Quadrangle, California. In Seismic Hazard Zone Report for the Juniper Hills 7.5-Minute Quadrangle, Los Angeles County, California. Mapping by A. G. Barrows, D. J. Beeby, D. B. Burke, T. W. Dibblee Jr., J. E. Kahle, and D. J. Ponti. California Geological Survey Seismic Hazard Zone Report 102.
- » Watson, M.J., K.R. Bovard, R.M. Alvarez, and C.I. Gutierrez, 2007, Geologic Map of the Oceanside 30' X 60' Quadrangle, California, Mapping by M.P. Kennedy and S.S. Tan. California Geological Survey Regional Geologic Map Series, Map No. 2: Scale 1:100,000.