

Appendices

Appendix F Phase I Environmental Site Assessment

Appendices

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October 2019 | Phase I Environmental Site Assessment

Del Mar Heights ES Rebuild Project

for Del Mar Union School District

Prepared for:

Del Mar Union School District

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Executive Summary

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) on behalf of the Del Mar Union School District (District) for the modernization of the 10.5-acre Del Mar Heights Elementary School (project site) in Del Mar Heights, San Diego, 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 approximately 10.5-acre project site encompasses the Del Mar Heights Elementary School property at 13555 Boquita Drive is identified with Assessor’s Parcel Number [APN] 301-0500-700. Figure 3 is an aerial photograph showing current project site conditions and the outline of the project site boundaries. The project site currently operates as a K-6 school and includes an administration building and classrooms (permanent and portables). These structures are in the northern and eastern portions of the site. The northwest portion of the site include play structures, a surface parking lot with 48 spaces is located at the northeast portion of the site, and hardcourts and play structures are in the central portion of the site, north of the playing field. The school was originally constructed in 1959 and prior to that year the site was vacant undeveloped land.

Del Mar Heights is a 760-lot subdivision located in the Torrey Pines community. The project site is surrounded by Boquita Drive to the north, Mira Montana Drive to the east, and open space canyonlands to the south and west of the project site. The subdivision of Del Mar Heights, in the City of San Diego, is surrounded by the City of Del Mar to the west, and the City of San Diego to the north, east, and south, and is approximately 0.30-mile west of Interstate 5 (I-5). Figure 1, *Regional Location*, and Figure 2, *Aerial Photograph*, show the project site from its regional and aerial contexts. Project development plans include fully redeveloping the Del Mar Heights Elementary School. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

The objective of a Phase I is to assess whether “recognized environmental conditions” (RECs), historical RECs (HRECs), and controlled RECs (CRECs) are associated with the project site. Our conclusions are intended to help the user evaluate the “business environmental risk” associated with the project site. Our opinion regarding a REC's potential impact on the project 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.

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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.”

RECs were not identified for the project 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).”

This assessment has revealed no evidence of HRECs or known environmental conditions in connection with the project site following the ASTM standard.

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 (DTSC) PROTOCOL

Based on a review of historical evidence, the site remained undeveloped vacant land until about 1959 when the initial buildings of the school were first constructed. 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 around the footprint of the former and current structures, for potential lead and organochlorine pesticide contamination. The results are included in Appendix D as a Phase I Addendum.

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SUMMARY

Based on the results of this assessment, RECs, HRECs and CRECs were not identified for the project site. DTSC guidance indicates that older structures may have residual pesticides due to termiticides and lead from lead-based paint. Soil sampling was implemented at the project site on September 18, 2019 to assess the soil for the presence of residual pesticides and lead that may be present due to the structures at the site. Soil sample results indicated that the residual pesticides and lead in soil do not pose a human health risk using an unrestricted residential land use exposure scenario.

It is PlaceWorks' professional opinion that an appropriate level of inquiry has been made into previous activities and uses of the project site in an effort to protect future occupants from significant exposures to hazardous substances. 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

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) on behalf of the Del Mar Union School District (District) for the proposed redevelopment of the 10.5-acre Del Mar Heights Elementary School, 13555 Boquita Drive (project site) in Del Mar Heights, San Diego, 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 approximately 10.5-acre project site encompasses the Del Mar Heights Elementary School property at 13555 Boquita Drive is identified with Assessor’s Parcel Number [APN] 301-0500-700. Figure 3 is an aerial photograph showing current project site conditions and the outline of the project site boundaries. The project site currently operates as a K-6 school and includes an administration building and classrooms (permanent and portables). These structures are in the northern and eastern portions of the site. The northwest portion of the site include play structures, a surface parking lot with 48 spaces is located at the northeast portion of the site, and hardcourts and play structures are in the central portion of the site, north of the playing field. The school was originally constructed in 1959 and prior to that year the site was vacant undeveloped land.

Del Mar Heights is a 760-lot subdivision located in the Torrey Pines community. The project site is surrounded by Boquita Drive to the north, Mira Montana Drive to the east, and open space canyonlands to the south and west of the project site. The subdivision of Del Mar Heights, in the City of San Diego, is surrounded by the City of Del Mar to the west, and the City of San Diego to the north, east, and south, and is approximately 0.30-mile west of Interstate 5 (I-5). Figure 1, *Regional Location*, and Figure 2, *Aerial Photograph*, show the project site from its regional and aerial contexts. Project development plans include fully redeveloping the Del Mar Heights Elementary School. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

Based on the age of the buildings at the project site, PlaceWorks conducted a Phase I Addendum to investigate the potential for lead from lead-based paints and organochlorine pesticides for potential termiticide use, on behalf of the District. The sampling and analysis showed that organochlorine pesticides and lead were not elevated above health-based screening levels. The report and results of the Phase I Addendum are included in Appendix D.

1. Introduction

1.1 OBJECTIVE

The objective of this assessment was to evaluate the project site history, existing observable conditions, current project site use, and current and historic uses of surrounding properties to identify the potential presence of Recognized Environmental Conditions (RECs) in connection with the project 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 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 project 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 approximately 10.5-acre project site is located at 13555 Boquita Drive in the neighborhood of Del Mar Heights, San Diego, California (Figure 1 *Regional Location*). Figure 2, *Local Vicinity*, provides a map depicting the general location of the project site, which is identified with Assessor's Parcel Number [APN] 301-0500-700. The site is occupied by an existing Del Mar Heights School. Figure 3, *Aerial Photograph*, is an aerial photograph of the project site showing current conditions.

1. Introduction

The Del Mar Union School District (District) is planning on rebuilding the Del Mar Heights Elementary School. The capacity of the school will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive. The redevelopment includes reducing the number of classrooms from 22 to 21 and all the buildings, play spaces, and fields will be located in the central portion of the project site. Access to the site is provided by Boquita Drive north of the project site.

The project site currently operates as a K-6 school and includes an administration building and classrooms (permanent and portables). The structures are in the northern and eastern areas of the site. The northwest portion of the site include play structures, a surface parking lot with 48 spaces is located at the northeast portion of the site, and hardcourts and play structures are in the central portion of the site, north of the play field. A multi-use field is situated in the southern portion of the site.

1.3 DETAILED SCOPE OF SERVICES

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

1. Visual observations of project 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 project 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 project site using a database service to access records. Use of 7.5-minute topographic maps to evaluate the project site's physical setting.
3. Review of federal and state environmental files, as necessary, pertaining to the project site and nearby sites with the potential to impact the project site.
4. Review of previous reports (if any) prepared for the project site.
5. Review of historical aerial photographs.
6. Contacts with state and local agencies, as necessary, regarding the project site and surrounding properties and structures.
7. Interviews with the Key Site Manager and property tenant representatives (if any).
8. 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

1. Introduction

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.

This Report is prepared for the exclusive use of the District in connection with the proposed acquisition of the project site. 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.

1. Introduction

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.

1. Introduction

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2. Site Description

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

2.1.1 Name of Site Owner

The project site is owned by the Del Mar Union School District.

Del Mar Union School District
11232 El Camino Real, Suite 100
San Diego, California, 92130

2.1.2 Site Location Map

The United States Geological Survey (USGS) topographic map for the project site is the Del Mar, California Quadrangle. The USGS topographic map was used as the source for site setting information. The project site is in San Diego County at approximately 32.94456 north latitude and 117.24951 west longitude. The project site is in Section 24 of Township 14 South, Range 04 West of the San Bernardino Base Line and Meridian. Topographic maps are included in Appendix A and Figures 1 and 2 are regional and local vicinity maps.

2.2 SITE AND VICINITY DESCRIPTION

The 10.5-acre existing school site at 13555 Boquita Drive is situated in the neighborhood of Del Mar Heights in the City of San Diego, San Diego County, California. Figure 1, *Regional Location*, provides a map depicting the general location of the existing school site that is identified with Assessor's Parcel Number [APN] 301-0500-700. The project site is currently developed with the existing Del Mar Heights Elementary School campus with the majority of the existing classroom buildings located on the north side of the site and playfields on the south side. Access is provided by Boquita Drive on the north. The project site currently operates as a K-6 school and includes an administration building and classrooms (permanent and portables).

The project site is approximately 0.34-miles southwest of Interstate-5 (San Diego Freeway) and 0.86-miles northwest of the State Route 56. The site is bordered to the east by the Mira Montana Place and to the west and south by the Torrey Pines State Reserve Extension. North and east of the project site are single-family residential dwellings. The school site is in a residential community with low-density single-family residences approximately 0.8 miles from the Pacific Ocean. Open space canyonlands are located to the west and south of the site.

2. Site Description

2.3 PHYSICAL SETTING

Subsurface explorations were not performed for this evaluation; therefore, project site geology and hydrology were evaluated on the basis of readily available public information or references, and/or based upon our experience and understanding of subsurface conditions in the subject property area.

2.3.1 Topography

Topographically, the site is located on a plateau that gently slopes to the southwest. Based on a review of the United States Geological Survey (USGS) 7.5-minute Topographic Series, Del Mar, California Quadrangle Map (USGS 2012), surface elevation of the project site is approximately 380 feet above mean sea level (msl). The land immediately adjacent to the west and southwest of the site has a steep slope.

2.3.2 Geologic Information

Based on a review of the United States Geological Survey (USGS) 7.5-minute Topographic Series, Del Mar, California Quadrangle Map (USGS 2012), the site is in the Southern Coastline Geomorphic Sub-Province portion of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges Geomorphic Province extends approximately 900 miles southward 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 site sits atop middle to early Pleistocene paralic deposits, Units 10 and 10a composed of interfingering strandline, beach, estuarine and colluvial deposits of siltstone, sandstone and conglomerate, and dune and back beach deposits composed of cross-bedded sandstone (Kennedy and Tan 2008).

The United States Department of Agriculture Natural Resources Conservation Services maps the soil at the project site as Carlsbad gravelly loamy sand (USDA 2019). Carlsbad gravelly loamy sand soils are classified by slow infiltration rates and is classified as soils with layers that impeded downward movement of water, or soils with moderately fine or fine textures.

Based on a review of the California Geologic Survey database, the project site does not lie within an Alquist-Priolo Fault Zone or within a special studies zone (DOC, 2019). The project site is not situated in a landslide or liquefaction zone (DOC, 2019).

2.3.3 Naturally Occurring Asbestos Containing Minerals and Radon Gas

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.

2. Site Description

The Indoor Radon Abatement Act of 1988 directs the United States Environmental Protection Agency to identify and lists areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns one of three zone based on radon potential:

- Zone 1 counties have a predicted average indoor radon screening level greater than 4 pico curies per liter (pCi/L)
- Zone 2 counties with a predicted average indoor radon screening level between 2 and 4 pCi/L
- Zone 3 counties with a predicted average indoor radon screening level less than 2 pCi/L

California EPA Map of Radon maps the project site as being in within Zone 3. The California Department of Health Services recommends action to be taken to reduce radon levels inside buildings if they are 4 pCi/L or greater.

2.3.4 Groundwater and Surface Water Information

Based on an analysis of the topography in the project site vicinity, sheet flow runoff from the project site during periods of intense or prolonged precipitation would be expected to flow to the southwest. According to FEMA, the project site and the surrounding area are outside of 100-year and 500-year flood zones and is considered to be in an area of minimal flood hazard (FEMA, 2012).

The project site is in the Miramar Watershed. The project site is serviced by the City of San Diego, which obtains its water from the San Diego County Water Authority that has been imported from the Colorado River and State Water Project. (San Diego, 2019). No evidence of recent flooding at the project site was observed during the geologic field reconnaissance. Hydrogeologic investigations were not performed on the site for this investigation; therefore, it is unknown to what extent localized variations in groundwater presence and flow occur on the site.

2. Site Description

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3. Site History and Background Information

3.1 PREVIOUS REPORTS

No previous environmental reports for the project site were 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 project 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 project site remained vacant and undeveloped land until approximately 1959 when the earliest of the existing Del Mar Heights Elementary School buildings were originally constructed on the project site.

3.2.1 Historical Aerial Photographs

Aerial photographs for the site obtained from EDR for the years of 1928, 1939, 1949, 1953, 1964, 1966, 1970, 1979, 1985, 1989, 1990, 1994, 1996, 2005, 2009, 2012, and 2016. Copies of the aerial photographs from the EDR report are included in Appendix A.

- 1928 – The project site is vacant undeveloped land. The surrounding area is also vacant undeveloped land with unimproved dirt roads.
- 1939 – The project site and surrounding area appear relatively unchanged in comparison to the 1928 aerial photograph.
- 1949 – The project site appears relatively unchanged in comparison to the 1939 aerial photograph. There are a few structures west northwest of the project site.
- 1953 – The project site and surrounding area appear relatively unchanged in comparison to the 1949 aerial photograph.
- 1964 – The project site appears relatively unchanged in comparison to the 1953 aerial photograph. There are a few more developments west northwest of the project site.
- 1966 – The project site has one structure, an associated parking lot, and a hardscape play area. The roads in the surrounding area appear to be undergoing improvements.
- 1970 – There are four structures on the project site. Preparation for development in the surrounding areas appear to be occurring in preparation for more development.

3. Site History and Background Information

- 1979 – The project site appears relatively unchanged in comparison to the 1970 aerial photograph. The area north, northeast, east, and southeast of the project site is built out with residential developments. West, southwest, and south of the project site are undeveloped lands that are part of the Torrey Pines State Natural Reserve Extension.
- 1985 – The project site and surrounding area appear relatively unchanged in comparison to the 1979 aerial photograph.
- 1989 – The project site and surrounding area appear relatively unchanged in comparison to the 1979 aerial photograph.
- 1990 – The project site and surrounding area appear relatively unchanged in comparison to the 1989 aerial photograph.
- 1994 – The project site and surrounding area appear relatively unchanged in comparison to the 1990 aerial photograph.
- 1996 – The project site and surrounding area appear relatively unchanged in comparison to the 1994 aerial photograph.
- 2005 – The project site has 12 portables in addition to the four main structures. The surrounding area appear relatively unchanged in comparison to the 1996 aerial photograph.
- 2009 – The project site and surrounding area appear relatively unchanged in comparison to the 2005 aerial photograph.
- 2012 – The project site and surrounding area appear relatively unchanged in comparison to the 2009 aerial photograph.
- 2016 – The project site and surrounding area appear relatively unchanged in comparison to the 2012 aerial photograph.

3.2.2 Historical Topographic Maps

Topographic maps obtained from EDR were reviewed for the project site for the years of 1903, 1930, 1943, 1953, 1967, 1975, 1994, and 2012. Copies of the topographic maps are included in Appendix A.

- 1903 – The project site and surrounding area are undeveloped vacant land.
- 1930 – The project site and surrounding area appear relatively unchanged in comparison to the 1903 topographic map.
- 1943 – The project site and surrounding area appear relatively unchanged in comparison to the 1930 topographic map.

3. Site History and Background Information

- 1953 – The project site and surrounding area appear relatively unchanged in comparison to the 1930 topographic map. There are structures marked west, northwest, south, and southeast of the project site.
- 1967 – The project site is marked with the Del Mar Heights School. The developments around the site have increased in density.
- 1975 – The project site appears relatively unchanged in comparison to the 1967 topographic map. The surrounding area is highlighted in omission tint which reflects dense build-out. The area southwest of the project site remains undeveloped vacant land, part of the Torrey Pine State Natural Reserve Extension.
- 1994 – The project site and surrounding area appear relatively unchanged in comparison to the 1975 topographic map.
- 2012 – No buildings are depicted on newer topographic map, only streets and topography are mapped.

3.2.3 Sanborn Maps

The complete Sanborn Library was searched for the project site and was found to be not available. The project site is an unmapped property. 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 project site and surrounding area. A copy of the EDR-City Directory is in Appendix A. City Directory data was searched for the years spanning from 1971 to 2014. The project site is listed for the year 1971, 1982, 1987, 1992, 1995, 2000, 2005, 2010, and 2014.

- 1971 the project site is listed as Del Mar Heights Elementary School.
- 1982 the project site is listed as Del Mar Heights Elementary.
- 1987 the project site is listed as Del Mar Heights Elementary.
- 1992 the project site is listed as Del Mar Heights Elementary.
- 1995 the project site is listed as Del Mar Union Heights Elementary.
- 2000 the project site is listed as Del Mar Union School District.
- 2005 the project site is listed as Del Mar Union School District.
- 2010 the project site is listed as Del Mar Union School District and PTA California Congress PTA.

3. Site History and Background Information

- 2014 the project site is listed as Del Mar Union School District and PTA California Congress PTA.

No other uses were identified for the project site.

3.2.5 Prior Agricultural Use

Based on the site visit, and the review of aerial photographs and historic topographic maps, the project site remained vacant and undeveloped land until the late 1950s when the Del Mar Heights School was originally constructed.

3.2.6 Mines

Based on the review of historical sources (aerial photographs and topographic maps), there is no evidence to indicate that the project site was ever utilized for mining operations.

3.2.7 Illegal Drug Manufacturing

The project 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. The project site was also not identified on Clandestine Drug Labs (CDL), a listing of drug lab locations maintained by the DTSC. Drug-related waste was not observed on the project site during the site inspection.

3.2.8 Prior U.S. Government Ownership

Based on the review of the County Tax Assessor website, EDR, historical aerial photographs and topographic maps, the project site appears to have been vacant undeveloped land prior to the construction of the school in the late 1950s. There is no indication that the property was owned by the U.S. Government or utilized for military operations.

3.3 SURROUNDING PROPERTY LAND USES

The project site is in a residential community with low-density single-family residences. Currently, there are residential properties to the north, east, and south of the project site. Boquita Drive is located to the north, and Mira Montana Drive is located to the east and south. Immediately west and south of the project site is open space canyonlands associated with the Torrey Pines State Natural Reserve Extension. The existing school site is approximately 0.80 mile east of the Pacific Ocean.

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 & Adjoining	No	0
Federal Institutional/Engineering Control Registry	Site Only	No	0
State and Tribal Equivalent NPL Sites	1 mile	No	0
State and Tribal Equivalent CERCLIS Sites	0.5 mile	No	1
State and Tribal Registered Storage Tanks	Site & 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	6
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 & Adjoining	No	0
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 project site, was conducted by EDR. A copy of the radius report, dated August 9, 2019 is included in Appendix B. The project site is listed as a HAZNET site and is discussed in section 4.1.17.

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 project site is not listed on the NPL List.

4. Environmental Records Review

- The database search did not identify any NPL sites within a mile radius of the project 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 project site is not listed on the delisted NPL List.
- The database did not identify any delisted NPL sites within a mile radius of the project 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 project site is not listed on the CERCLIS List.
- The database search did not identify any CERCLIS listings within a one-half mile radius of the project 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 project site is not listed on the CERCLIS-NFRAP List.
- The database search did not identify any CERCLIS-NFRAP sites within a one-half mile radius of the project 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 project 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 project 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 project 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 project site.

4.1.7 RCRA Generators

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

- The project site is not on the RCRA Generators list.
- The database search did not identify any RCRA Generators within a quarter mile radius of the project 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 project 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 project site is not listed on the 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 project site is not listed on state- and tribal-equivalent NPL.

4. Environmental Records Review

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

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 project site is not listed on state- and tribal- equivalent CERCLIS.
- The database search identified 1 state- and tribal- equivalent CERCLIS sites within a mile radius of the project site.
 - Del Mar Highlands Car Wash at 12889 and 12911 El Camino Real, approximately 0.986-miles northeast of the project site, is listed on the GeoTracker website for three cases of leaks of gasoline. All three cases are listed as completed case closed on 1999, 2003, and 2006. The facility is not expected to have an impact on the project site based on overall distance, downgradient location, and current regulatory status of the cases.

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

The database search did not identify any State Landfills or Solid Waste Disposal Sites within a one-half mile radius of the project site.

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

- The project site is not listed on the LUST list.
- The database search identified 2 LUST facility within a half-mile radius of the project site.

4. Environmental Records Review

- Super-7 19548 at 13801 Mango Drive, approximately 0.256-miles north northeast of the project site, is listed because a leak of gasoline reported October 14, 2003. The case is currently listed as completed – case closed as of December 28, 2004. The facility is not expected to have an impact on the project site based on overall distance, downgradient location, and current regulatory status of the case.
 - This facility was listed multiple times as CITGO #19548 and 7-Eleven LOC #19548.
- Del Mar Cleaners at 2644 Del Mar Heights Boulevard, approximately 0.31-miles northeast of the project site, is listed because a leak of chlorinated hydrocarbons reported July 12, 2005. The case is currently listed as completed – case closed as of October 25, 2005. The facility is not expected to have an impact on the project site based on overall distance, downgradient location, and current regulatory status of the case.

4.1.14 State and Tribal Registered Storage Tanks

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

- The project 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 project 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 project 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 project site.

4.1.16 Orphan Sites

The EDR database did not identify any facilities that might have been indicated as being potentially in the area and are not mapped due to incomplete address information.

4.1.17 HAZNET

The DTSC Facility and Manifest database records annual hazardous waste shipments, as required by RCRA. All businesses that dispose of hazardous materials are entered into the database. The data is extracted from

4. Environmental Records Review

the copies of hazardous waste manifests received each year by the DTSC. A listing on the HAZNET database does not indicate that an environmental concern exists, only that a lawful disposal of materials has occurred.

- The project site is listed on the HAZNET database.
 - In 2000, the school had materials containing polychlorinated biphenyls (PCBs), 0.17 tons of organic liquid, and 20.22 tons of asbestos containing waste transported off-site for proper disposal under manifest.

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.

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.

- The project site is not listed on the Local List of Hazardous Waste Contaminated Sites.
- The database did not identify any sites within the designated search radius.

4.2.3 Local Lists of Registered Storage Tanks

A record search was done of the local lists of registered storage tanks. The database search did not identify any registered UST sites as being within a 0.25 mile of the project site.

4.2.4 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 station, filling station, auto, automobile repair, auto service station, and dry cleaners. No historical auto shops or historical cleaners were identified within 0.125-mile of the project site.

4. Environmental Records Review

4.2.5 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 project site. The closest oil well is located approximately 2-miles east northeast of the project site that is identified as an idle well advanced by the MacGregor Corp.

4.2.6 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 project site.

To assess vapor migration risk, a review and analysis of the project 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 upgradient of the project site, and underground storage tanks were not identified adjacent or within 100 feet of the project site.

4.2.7 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 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.

4. Environmental Records Review

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5. Site Reconnaissance and Key Personnel Interview(s)

A site visit to observe site conditions was conducted by PlaceWorks on September 18, 2019. No weather-related conditions or other conditions that would limit our ability to observe the project 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 10.5-acre existing school site operates as a K-6 school and includes an administration building and classroom buildings. Permanent and portable structures are in the northern and eastern portions of the site. The northwest portion of the site include play structures. A surface parking lot with 48 spaces is located at the northeast portion of the site, and hardcourts and play structures are in the central portion of the site, north of the athletic field. A multi-use athletic field is situated in the southern portion of the site. The ingress and egress to the campus is through the school's driveway on Boquita Drive, which leads to the school's parking lot.

5.2 SITE VISIT OBSERVATIONS

5.2.1 General Description of Structures

Single-story wood framed stucco permanent buildings and portable classroom structures are present on the northern portion of the site that are well maintained. There are metal storage containers for storage of field equipment and a wood utility control shed near the southern edge 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 and sewer are supplied by the City of San Diego.

5. Site Reconnaissance and Key Personnel Interview(s)

5.2.4 Use of Petroleum Products and Hazardous Materials

Use of petroleum products or hazardous materials was not observed at the project 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 project 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 project site.

5.2.7 Hydraulic Elevators

No hydraulic elevators were observed at the project site.

5.2.8 Vehicle Maintenance Lifts

No vehicle maintenance lifts were observed at the project site.

5.2.9 Emergency Generators and Sprinkler System Pumps

No emergency generators or sprinkler system pumps were observed on the project site.

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

No electrical or hydraulic equipment was observed on the subject site.

5.2.11 Floor Drain and Sumps

No floor drains or sumps were observed at the project site.

5.2.12 Catch Basins

No catch basins were observed at the project site.

5.2.13 Dry Wells

No dry wells were observed at the project site.

5.2.14 Pits, Ponds, Lagoons, and Pools of Liquid

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

5. Site Reconnaissance and Key Personnel Interview(s)

5.2.15 Odors

No odors were observed at the project site.

5.2.16 Stains or Corrosion on Floors, Walls, or Ceilings

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

5.2.17 Stained Soil or Pavement

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

5.2.18 Stressed Vegetation

No stressed vegetation was observed at the project site.

5.2.19 Solid Waste and Evidence of Waste Filling

No evidence of waste filling was observed on the project site.

5.2.20 Wastewater and Stormwater Discharge

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

5.2.21 Monitoring, Water Supply, or Irrigation Wells

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

5.2.22 Non-Scope Considerations

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

5.3 INTERVIEWS

A questionnaire was completed by Chris Delehanty, the executive Director of Capital Programs and Technology for Del Mar School District, on August 29, 2019. Mr. Delehanty was not aware of any leaks, spills or discharges of hazardous materials to the project site or on adjacent properties. He was not aware of any environmental cleanup liens against the property nor was he aware of any land use limitations due to environmental issues. The questionnaire is included in Appendix E.

5. Site Reconnaissance and Key Personnel Interview(s)

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6. Data Gap Identification

Adjacent landowners 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 project 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 project site is also not listed on the DTSC's Deed Restriction database which lists sites with DTSC with restricted land use. The project 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 the Del Mar Union School District (District) for the modernization of the 10.5-acre Del Mar Heights Elementary School (project site) in San Diego, 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 approximately 10.5-acre project site encompasses the Del Mar Heights Elementary School property at 13555 Boquita Drive is identified with Assessor’s Parcel Number [APN] 301-0500-700. Figure 3 is an aerial photograph showing current project site conditions and the outline of the project site boundaries. The project site currently operates as a K-6 school and includes an administration building and classrooms (permanent and portables). These structures are in the northern and eastern portions of the site. The northwest portion of the site include play structures, a surface parking lot with 48 spaces is located at the northeast portion of the site, and hardcourts and play structures are in the central portion of the site, north of the playing field. The school was originally constructed in 1959 and prior to that year the site was vacant undeveloped land.

Del Mar Heights is a 760-lot subdivision located in the Torrey Pines community. The project site is surrounded by Boquita Drive to the north, Mira Montana Drive to the east, and open space canyonlands to the south and west of the project site. The subdivision of Del Mar Heights, in the City of San Diego, is surrounded by the City of Del Mar to the west, and the City of San Diego to the north, east, and south, and is approximately 0.30-mile west of Interstate 5 (I-5). Figure 1, *Regional Location*, and Figure 2, *Aerial Photograph*, show the project site from its regional and aerial contexts. Project development plans include fully redeveloping the Del Mar Heights Elementary School. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

The objective of a Phase I is to assess whether “recognized environmental conditions” (RECs), historical RECs (HRECs), and controlled RECs (CRECs) are associated with the project site. Our conclusions are intended to help the user evaluate the “business environmental risk” associated with the project site. Our opinion regarding a REC's potential impact on the project 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.

7. Findings and Conclusions

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.”

RECs were not identified for the project 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).”

This assessment has revealed no evidence of HRECs or known environmental conditions in connection with the project site following the ASTM standard.

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 (DTSC) PROTOCOL

Based on a review of historical evidence, the site remained undeveloped vacant land until about 1959 when the initial buildings of the school were first constructed. 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 around the footprint of the former and current structures, for potential lead and organochlorine pesticide contamination. Soil sampling was implemented at the project site on September 18, 2019 to assess the soil for the presence of residual pesticides and lead that may be present due to the structures at the site. Soil sample results indicated that the residual pesticides and lead in soil do not pose a human health risk using an unrestricted residential land use exposure scenario. The results are included in Appendix D as a Phase I Addendum.

7. Findings and Conclusions

SUMMARY

Based on the results of this assessment, RECs, HRECs and CRECs were not identified for the project site. DTSC guidance indicates that older structures may have residual pesticides due to termiticides and lead from lead-based paint. Soil sampling was implemented at the project site to assess the soil for the presence of residual pesticides and lead that may be present due to historical structures at the site. Soil sample results indicated that the residual pesticides and lead in soil do not pose a human health risk using an unrestricted residential land use exposure scenario.

It is PlaceWorks' professional opinion that an appropriate level of inquiry has been made into previous activities and uses of the project site in an effort to protect future occupants from significant exposures to hazardous substances.

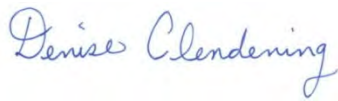
7. Findings and Conclusions

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8. Credentials

This Phase I ESA was prepared in a manner consistent with the level of care and skill ordinarily exercised by professional engineers, geologists, and environmental scientists, under the technical direction of the undersigned. 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 F.



Denise Clendening, Ph.D.
Associate Principal



Michael Watson, PG 8177
Project Geologist

8. Credentials

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11. FEMA, 2017. FEMA Flood Map Service Center, 16 May 2012. <https://msc.fema.gov/portal/search?AddressQuery=13555%20Boquita%20Drive%20Del%20Mar#searchresultsanchor>
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17. Van Gosen, B. S. and J. P. Clinkenbeard, 2011. Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California, USGS Open-File Report 2011-1188, scale 1:990,000.

9. References

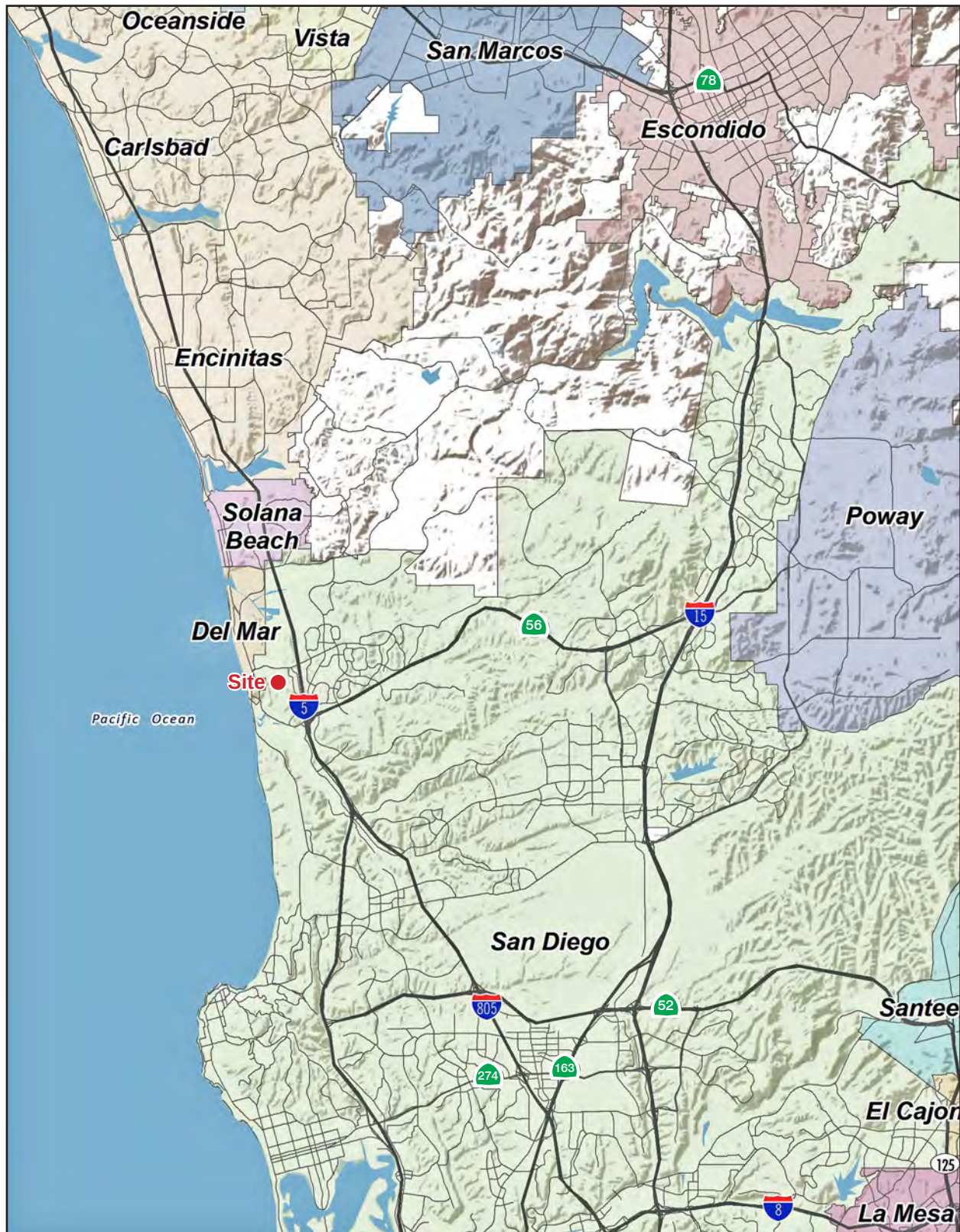
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Figures

Figures

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Figure 1 - Regional Location



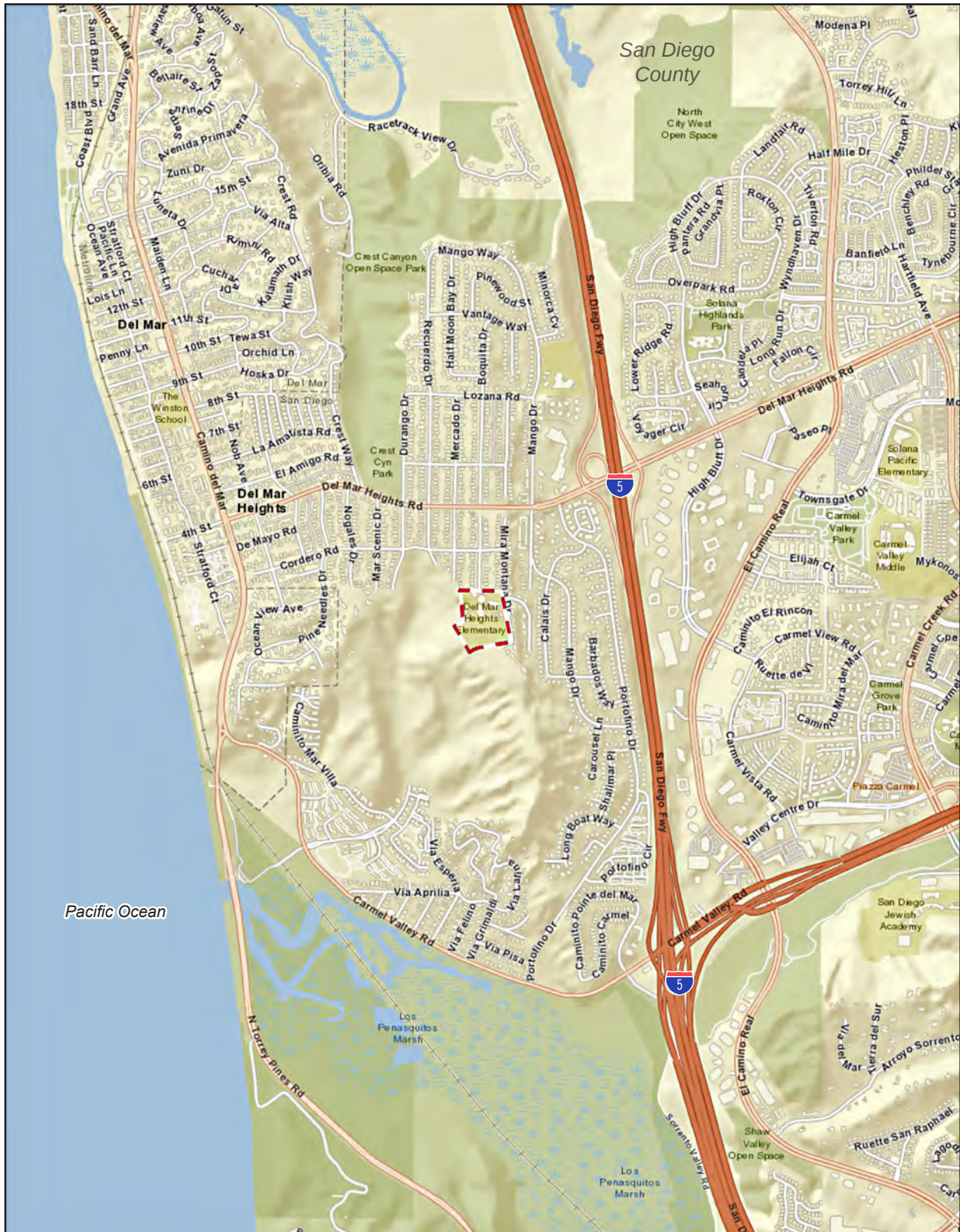
Note: Unincorporated county areas are shown in white.
Source: ESRI, 2019

0 3
Scale (Miles)



PlaceWorks

Figure 2 - Local Vicinity



--- Project Boundary

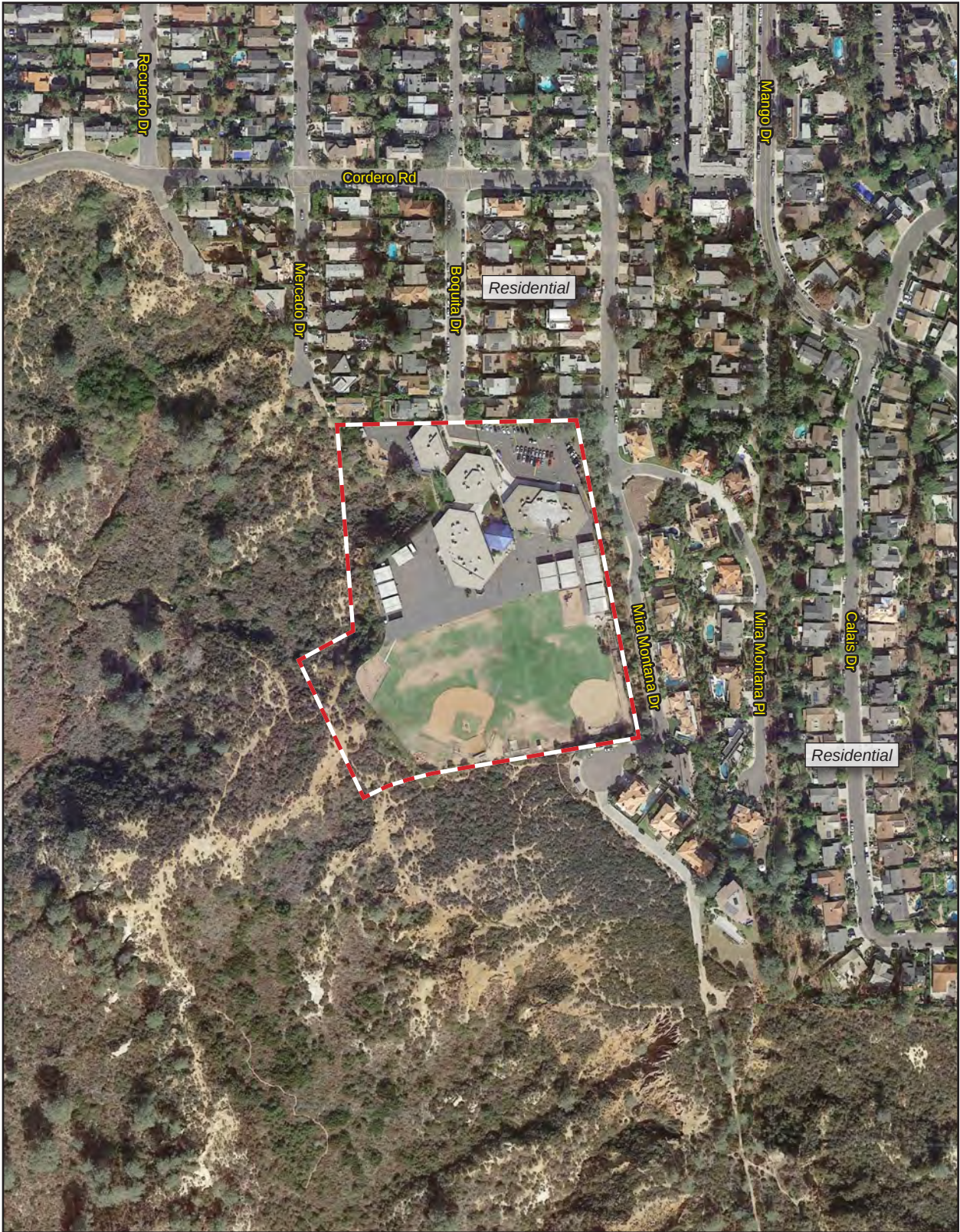
0 2,000
Scale (Feet)



Source: ESRI, 2019

PlaceWorks

Figure 3 - Aerial Photograph



--- Project Boundary

0 350
Scale (Feet)



Source: Google Earth Pro, 2019

Appendix A. Research Documentation

Appendix

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Del Mar Heights School

13555 Boquita Drive

Del Mar, CA 92014

Inquiry Number: 5747542.8

August 12, 2019

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

08/12/19

Site Name:

Del Mar Heights School
13555 Boquita Drive
Del Mar, CA 92014
EDR Inquiry # 5747542.8

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>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1996	1"=500'	Flight Date: September 30, 1996	USGS
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
1939	1"=500'	Flight Date: April 16, 1939	USDA
1928	1"=500'	Flight Date: November 01, 1928	EDR Proprietary Landiscor

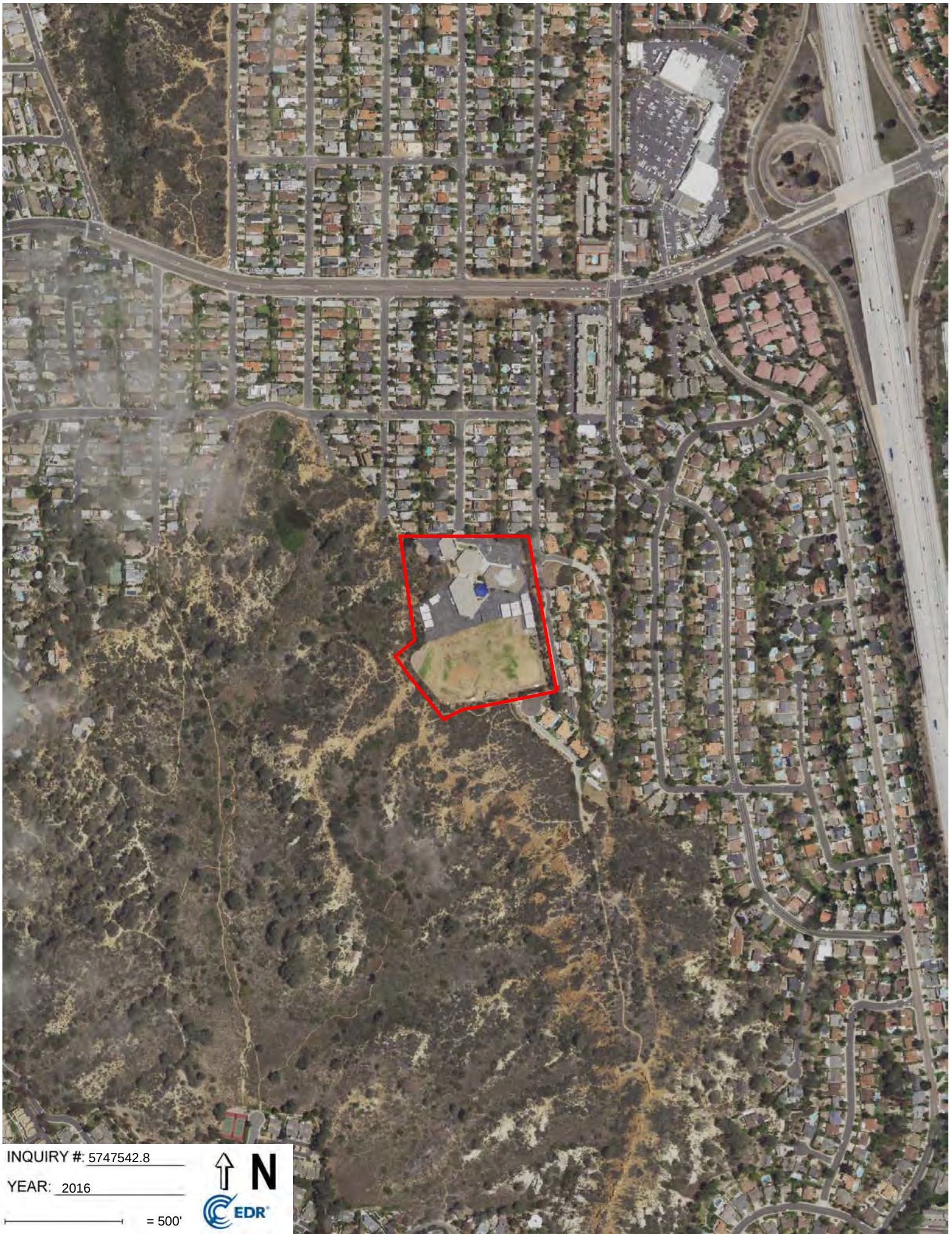
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 5747542.8

YEAR: 2016

— = 500'



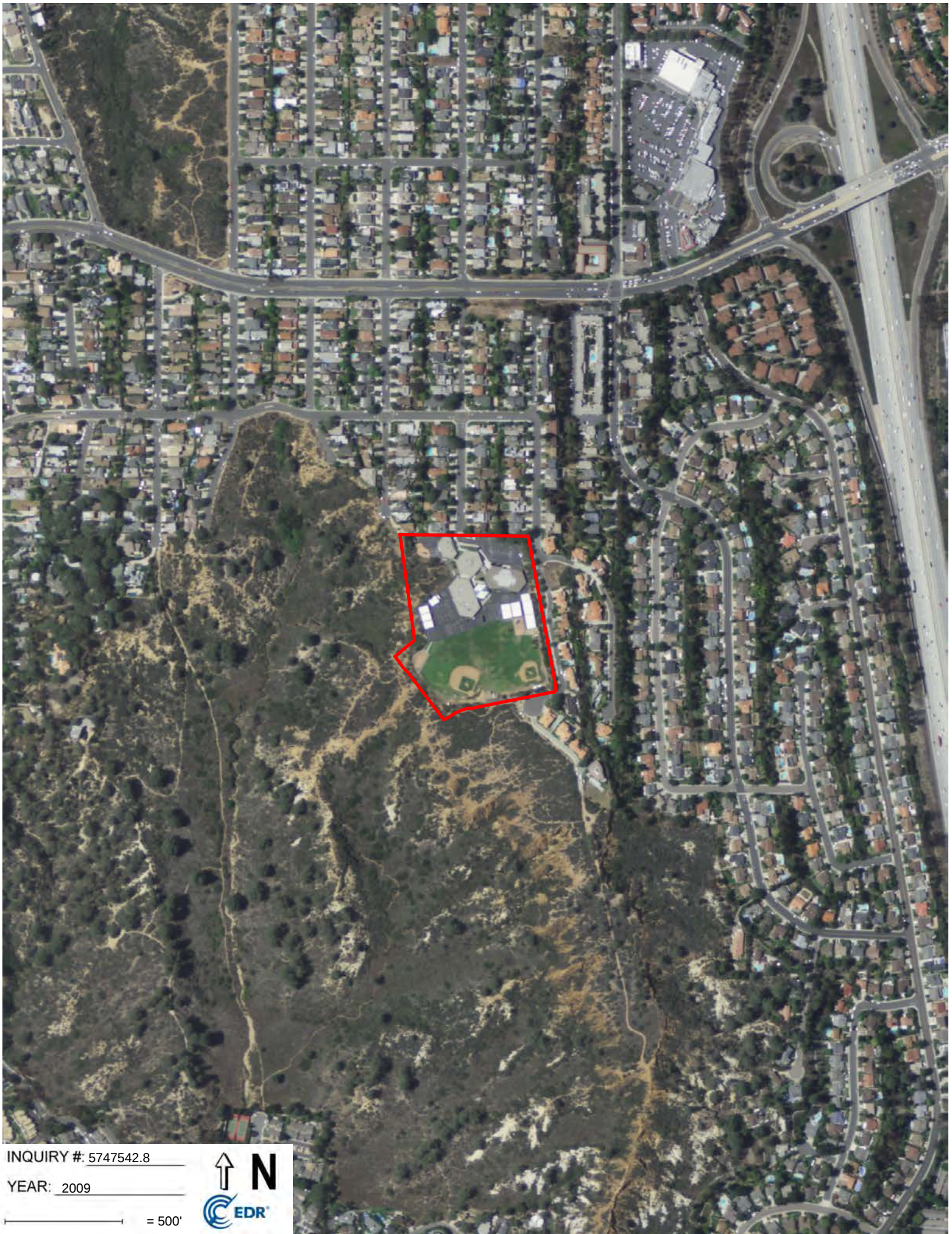


INQUIRY #: 5747542.8

YEAR: 2012

— = 500'



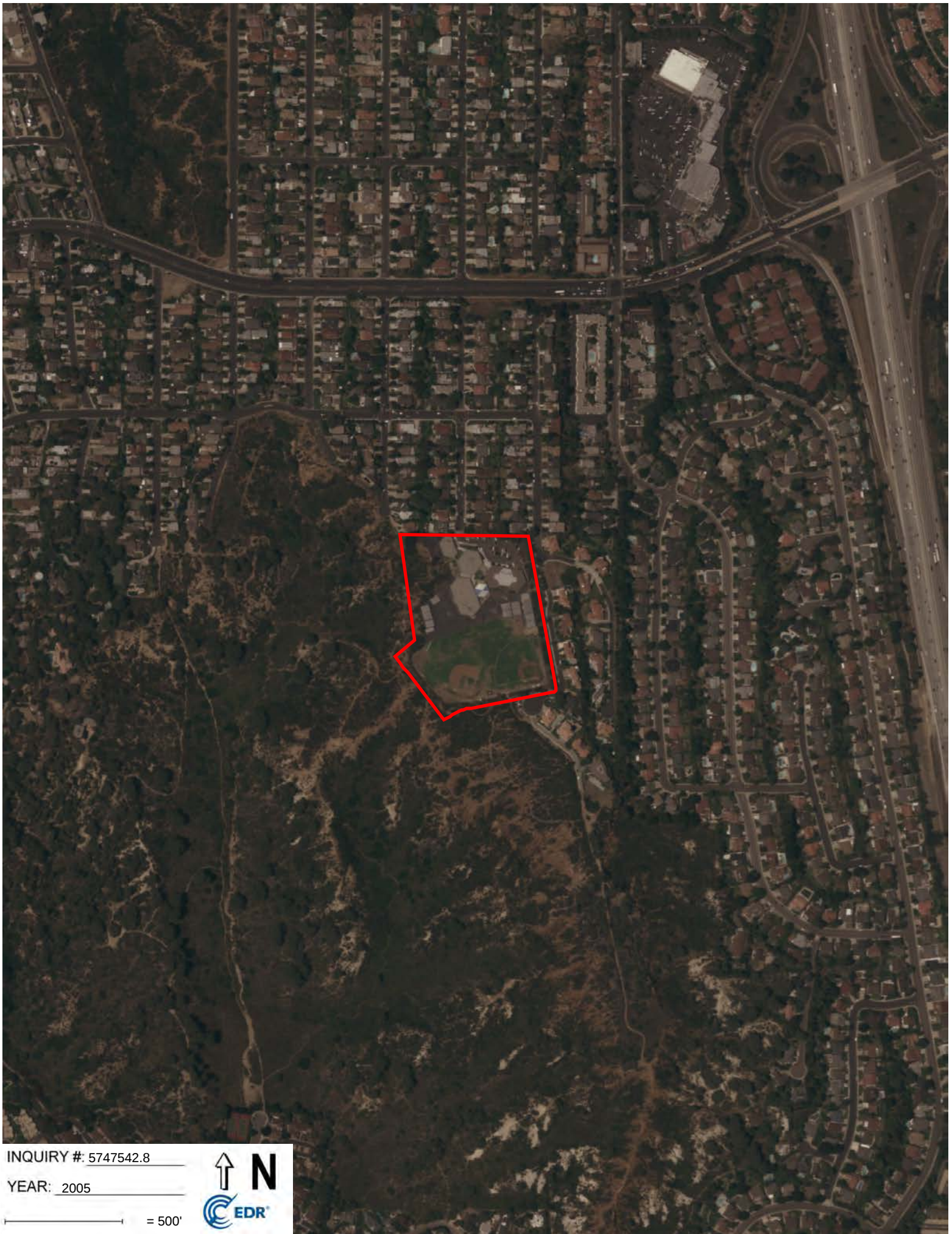


INQUIRY #: 5747542.8

YEAR: 2009

— = 500'



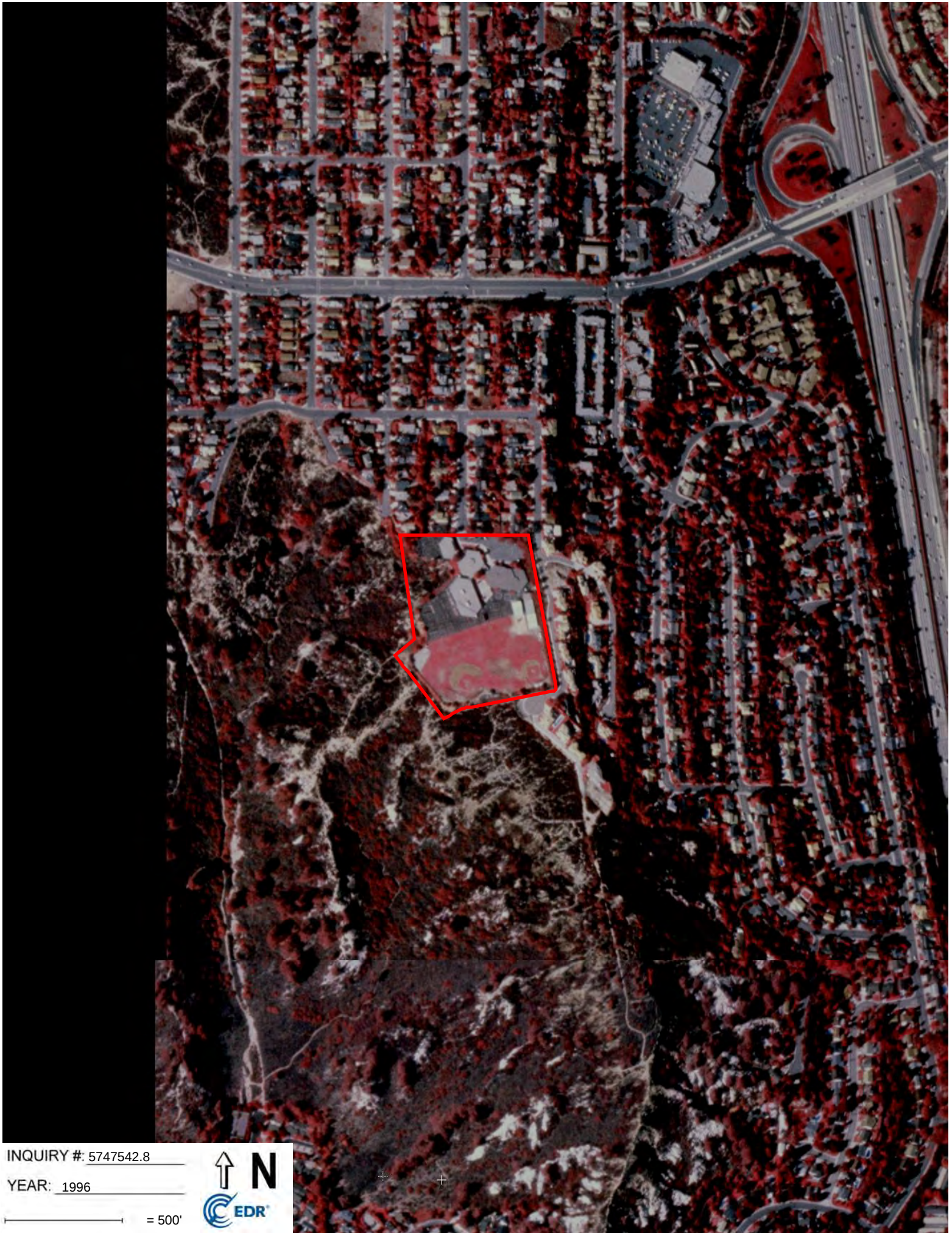


INQUIRY #: 5747542.8

YEAR: 2005

— = 500'





INQUIRY #: 5747542.8

YEAR: 1996

— = 500'





INQUIRY #: 5747542.8

YEAR: 1994

— = 500'





INQUIRY #: 5747542.8

YEAR: 1990

— = 500'



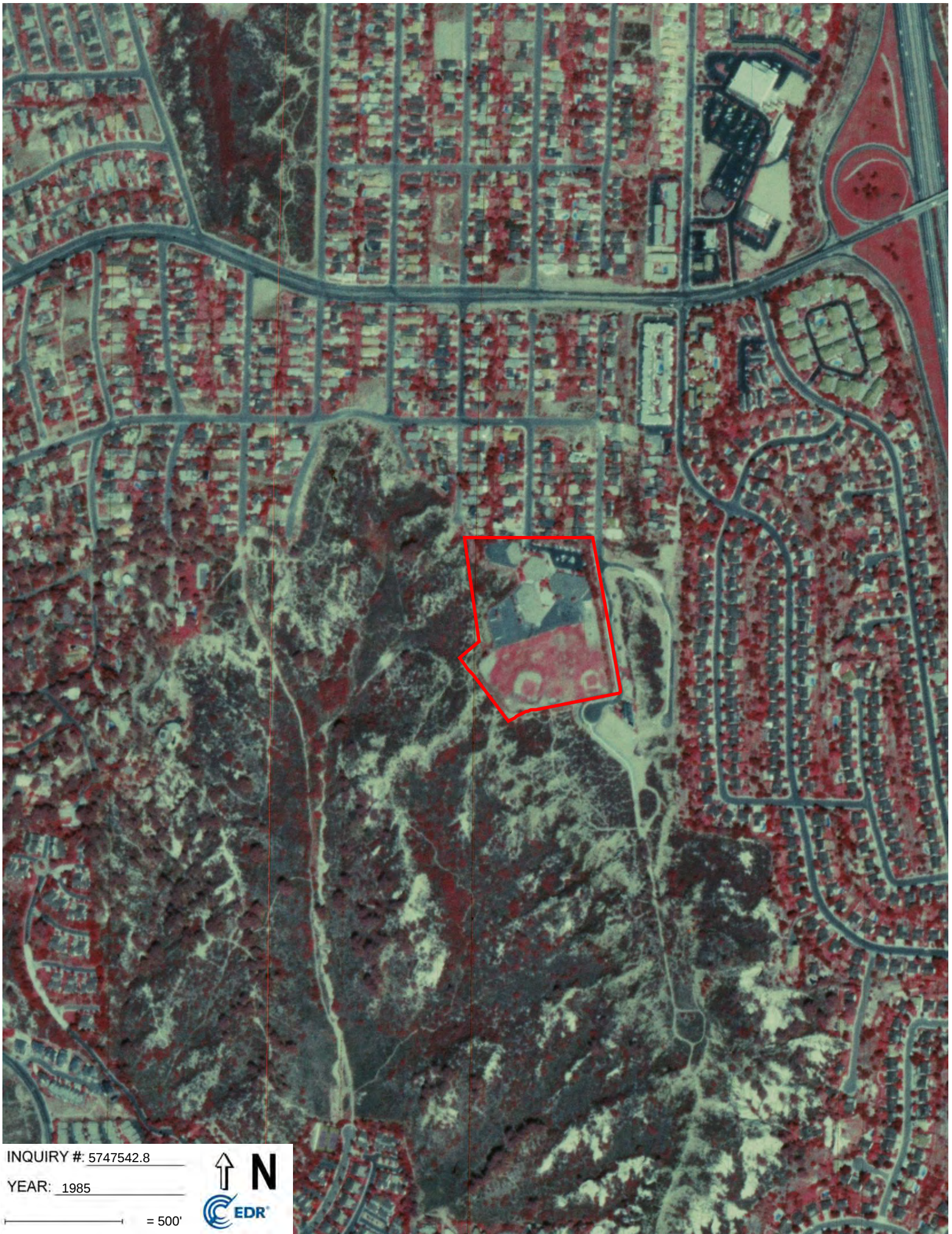


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YEAR: 1989

— = 500'





INQUIRY #: 5747542.8

YEAR: 1985

— = 500'



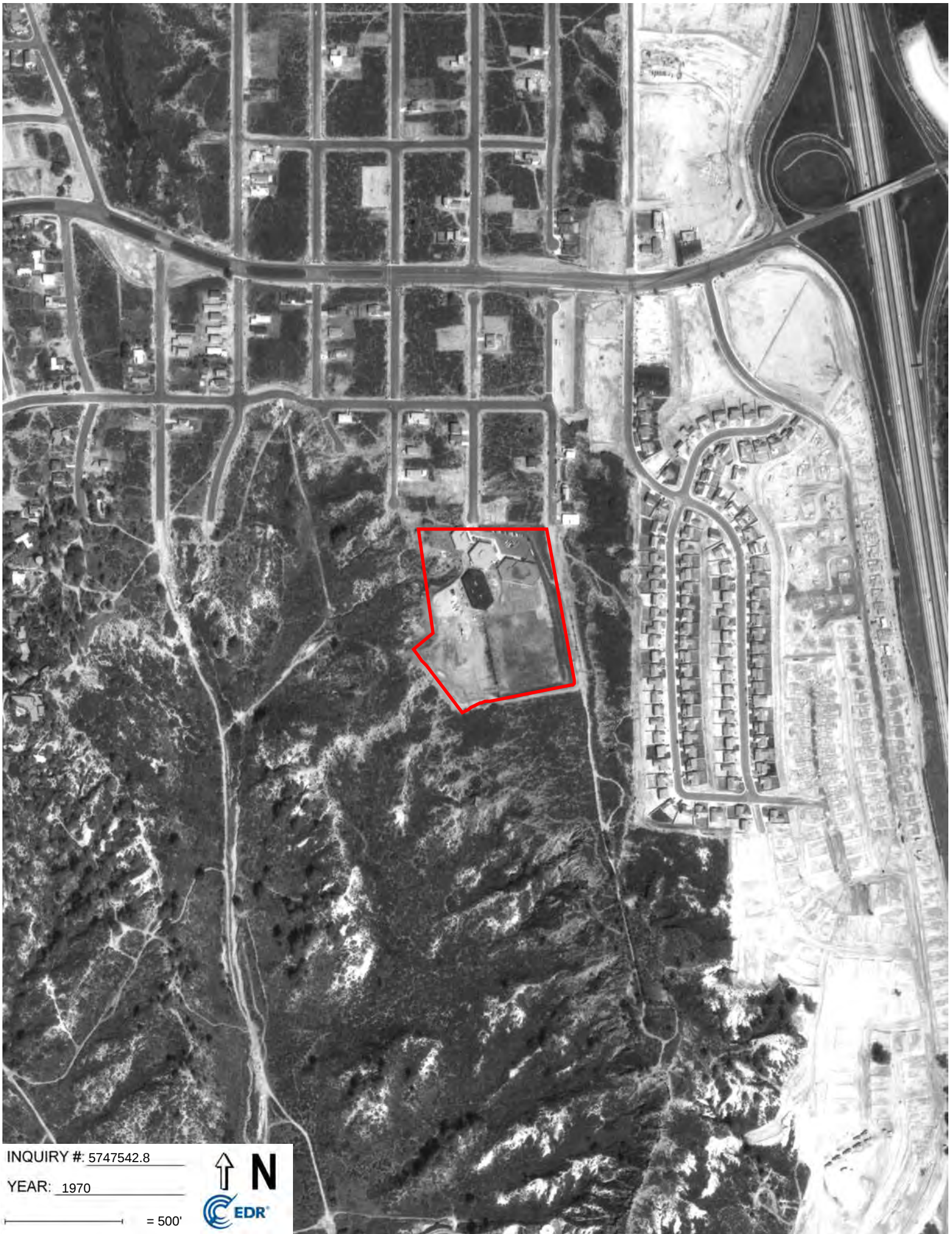


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YEAR: 1979

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INQUIRY #: 5747542.8

YEAR: 1966

— = 500'



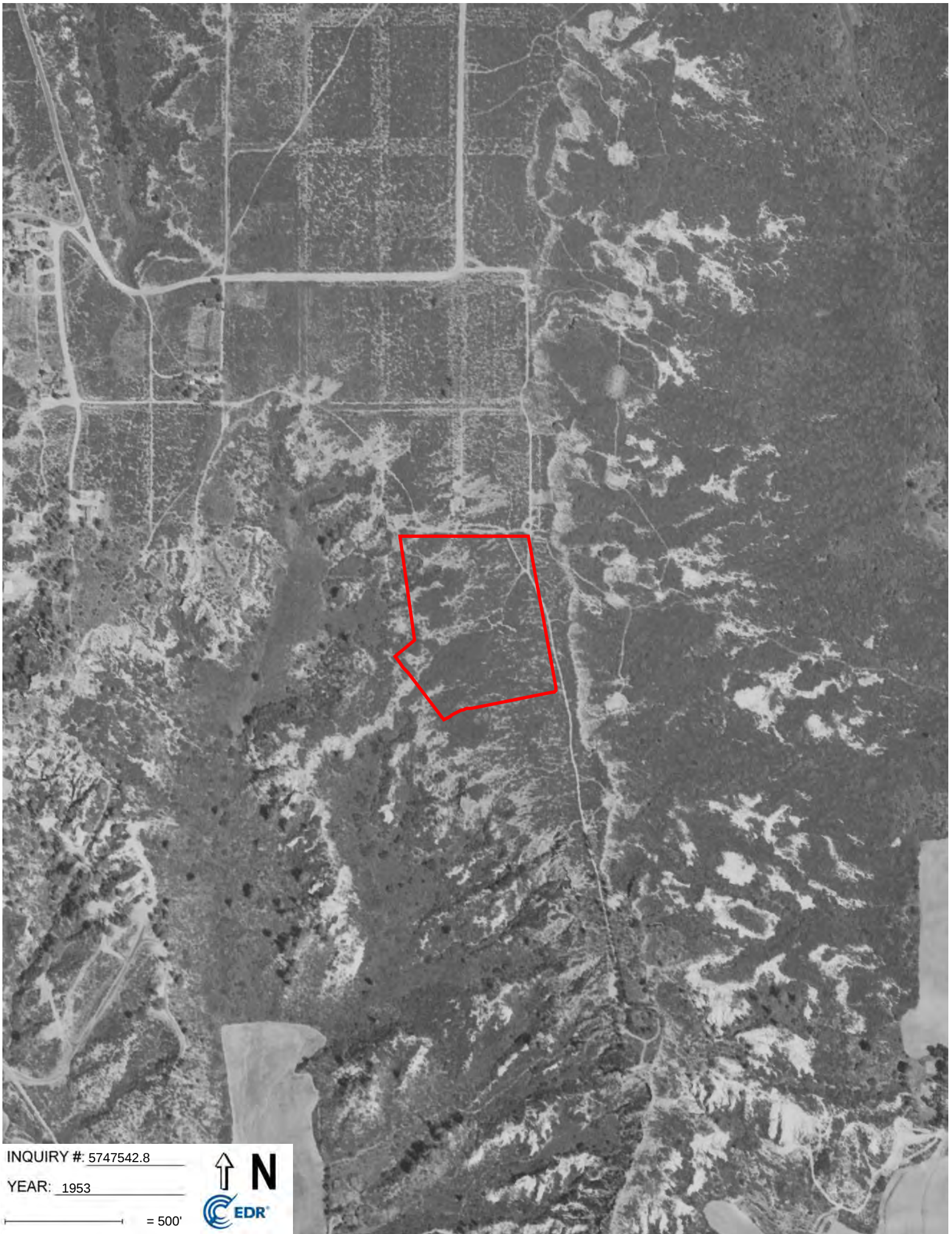


INQUIRY #: 5747542.8

YEAR: 1964

— = 500'



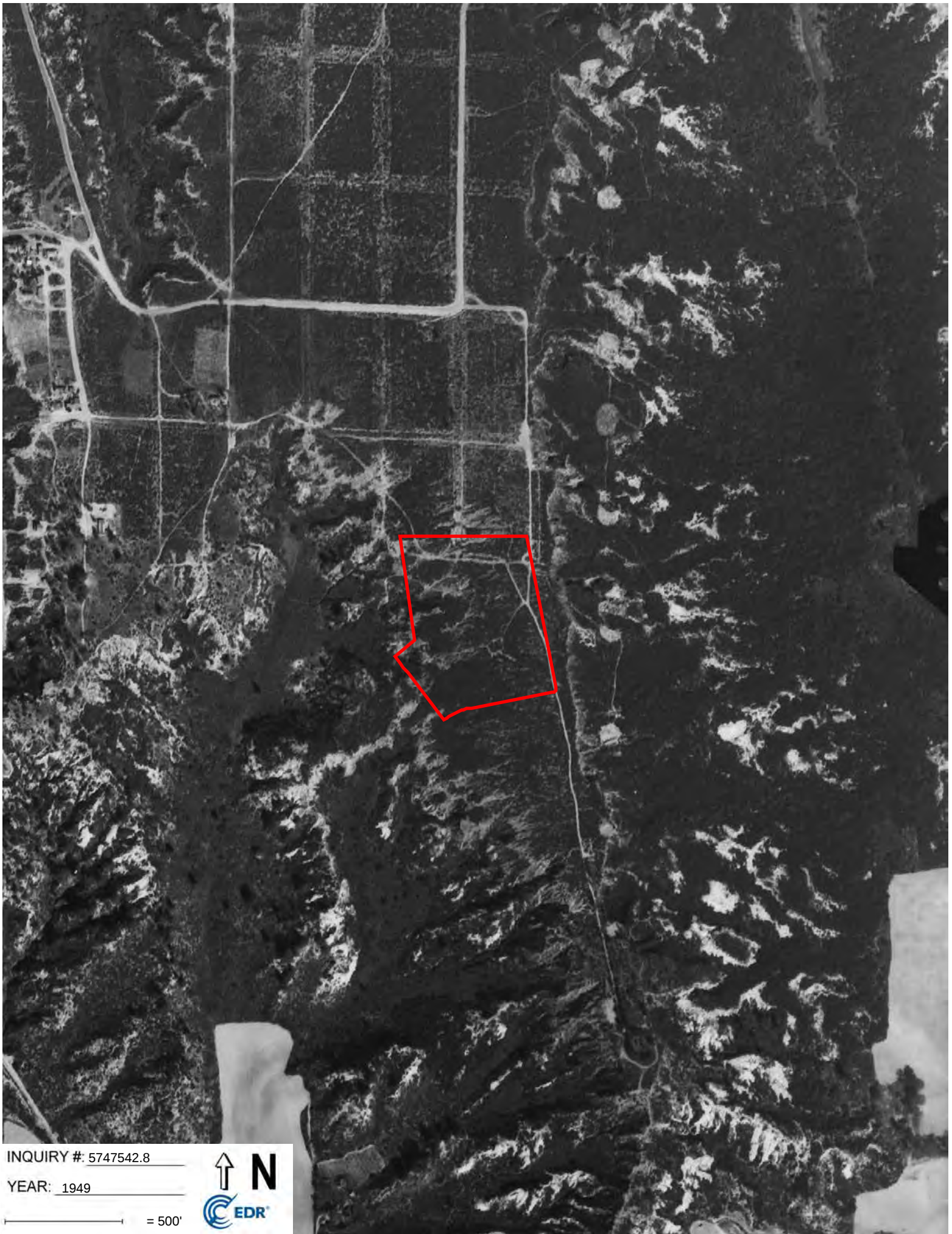


INQUIRY #: 5747542.8

YEAR: 1953

— = 500'





INQUIRY #: 5747542.8

YEAR: 1949

500'



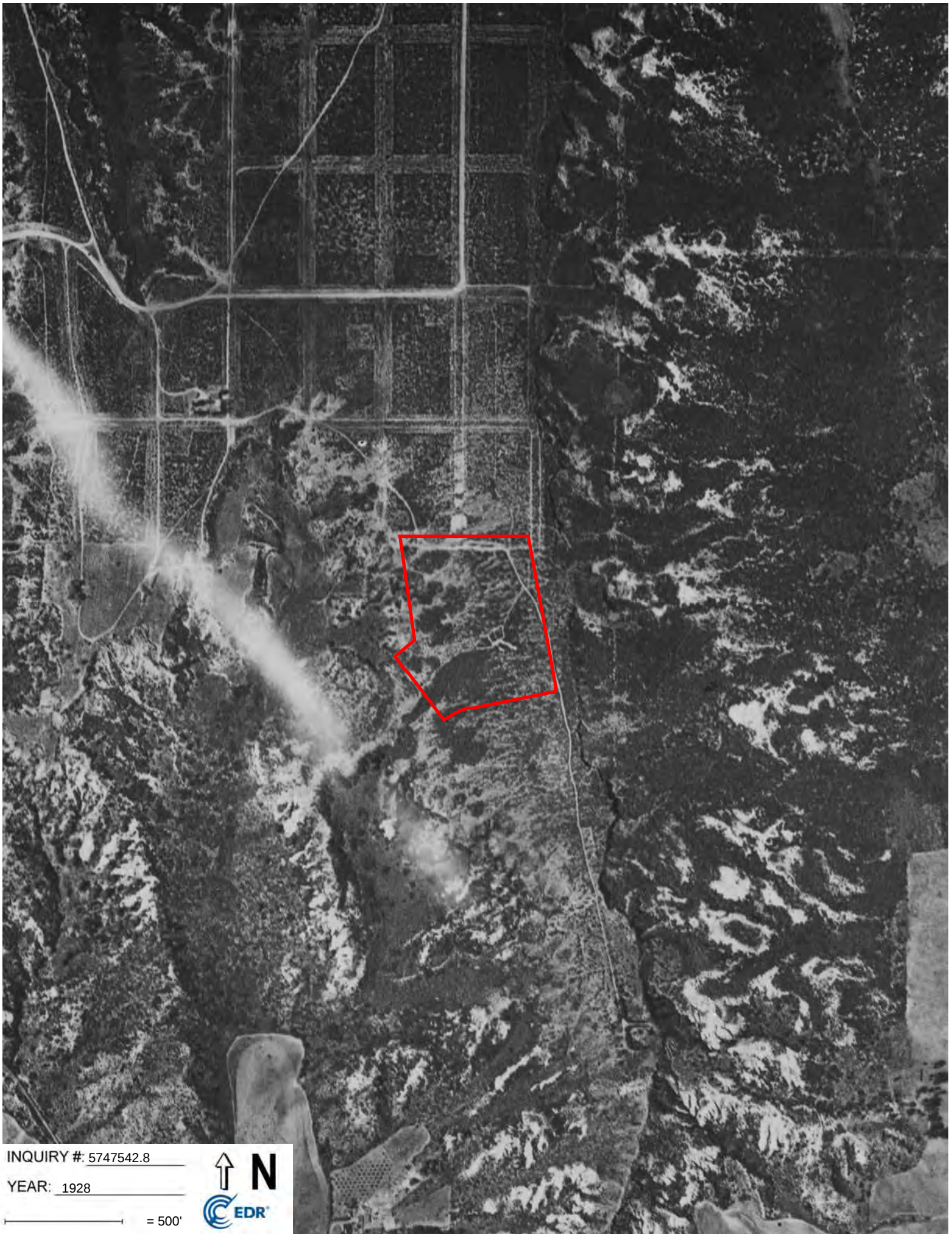


INQUIRY #: 5747542.8

YEAR: 1939

— = 500'





INQUIRY #: 5747542.8

YEAR: 1928

— = 500'





Del Mar Heights School

13555 Boquita Drive

Del Mar, CA 92014

Inquiry Number: 5747542.4

August 09, 2019

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

08/09/19

Site Name:

Del Mar Heights School
13555 Boquita Drive
Del Mar, CA 92014
EDR Inquiry # 5747542.4

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.#	DMSD-02.0	Latitude:	32.944558 32° 56' 40" North
Project:	Del Mar Heights School Rebuild	Longitude:	-117.249513 -117° 14' 58" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	476676.94
		UTM Y Meters:	3645168.28
		Elevation:	379.36' above sea level

Maps Provided:

2012
1994
1975
1967
1953
1943
1930
1903

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Topo Sheet Key

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

2012 Source Sheets



Del Mar OE W
2012
7.5-minute, 24000



Del Mar
2012
7.5-minute, 24000

1994 Source Sheets



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

1975 Source Sheets



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

1967 Source Sheets



Del Mar
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

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

1953 Source Sheets



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

1943 Source Sheets



Del Mar
1943
7.5-minute, 31680

1930 Source Sheets



La Jolla
1930
15-minute, 62500

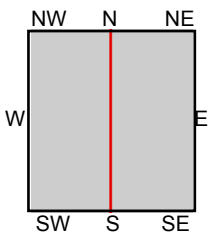
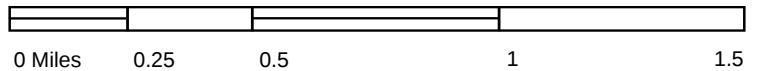
1903 Source Sheets



La Jolla
1903
15-minute, 62500



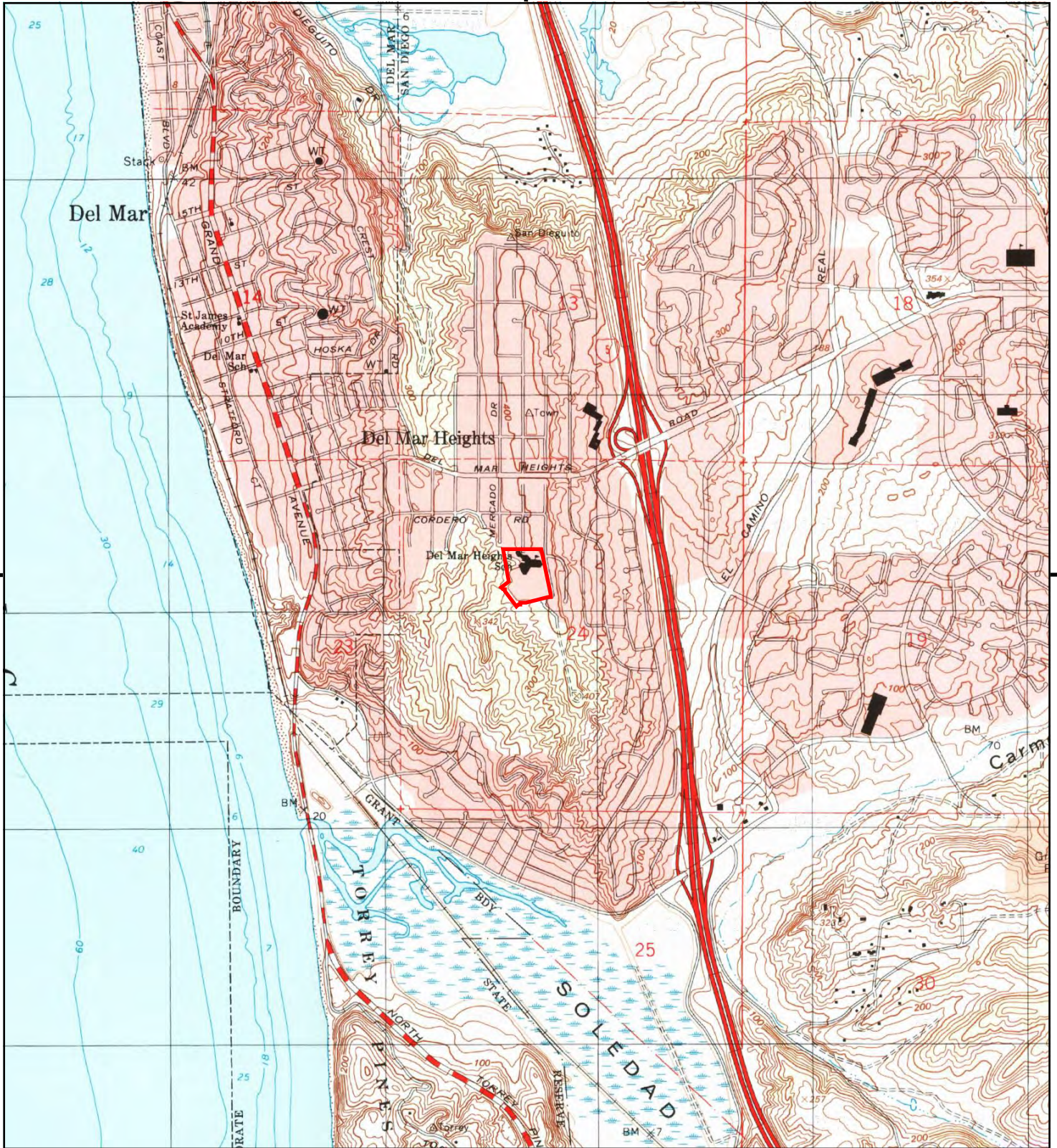
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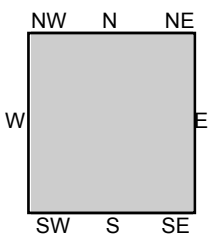
TP, Del Mar, 2012, 7.5-minute
W, Del Mar OE W, 2012, 7.5-minute

SITE NAME: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar, CA 92014
CLIENT: PlaceWorks





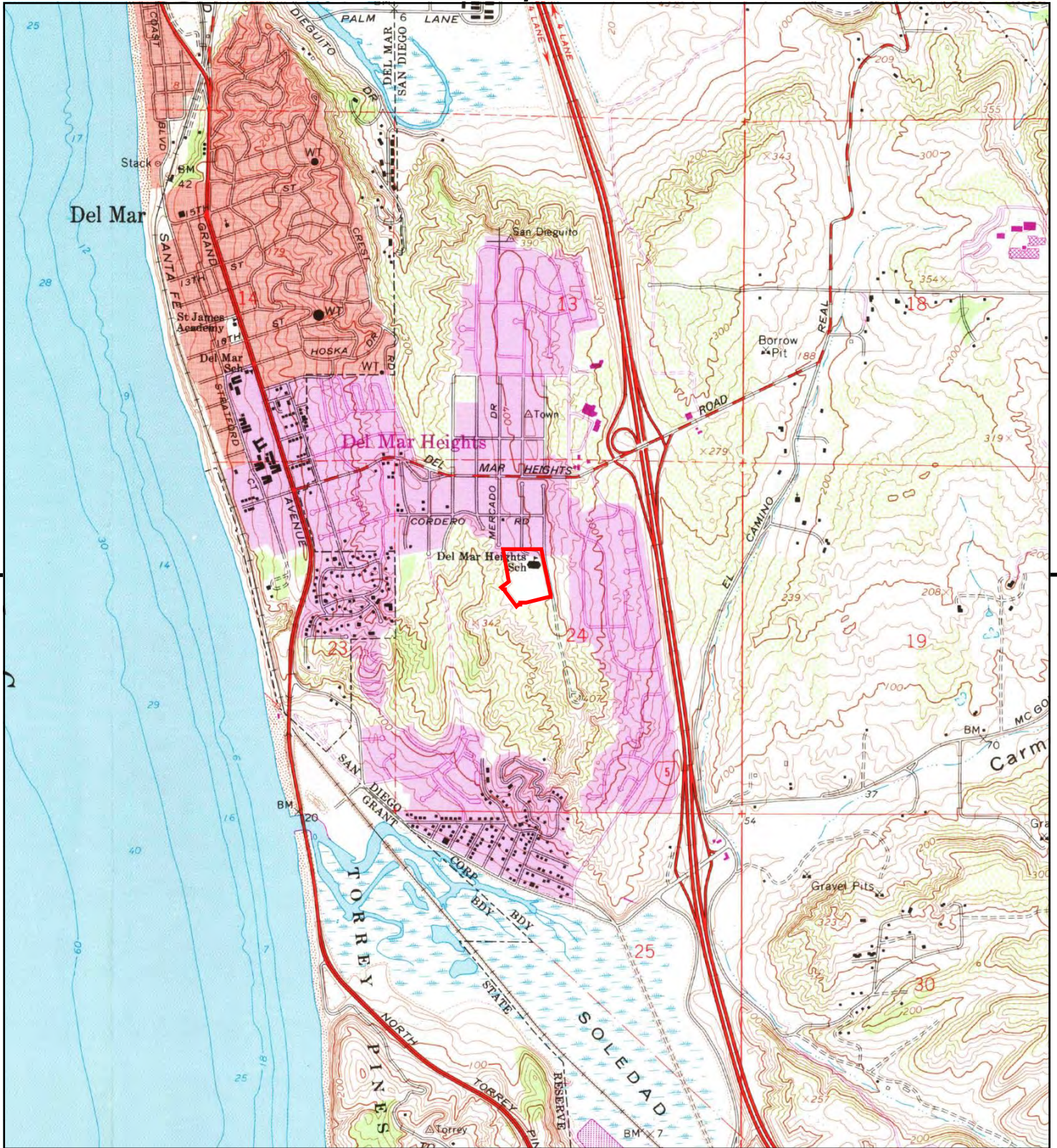
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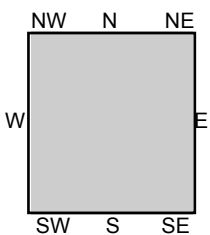
TP, Del Mar, 1994, 7.5-minute

SITE NAME: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar, CA 92014
 CLIENT: PlaceWorks





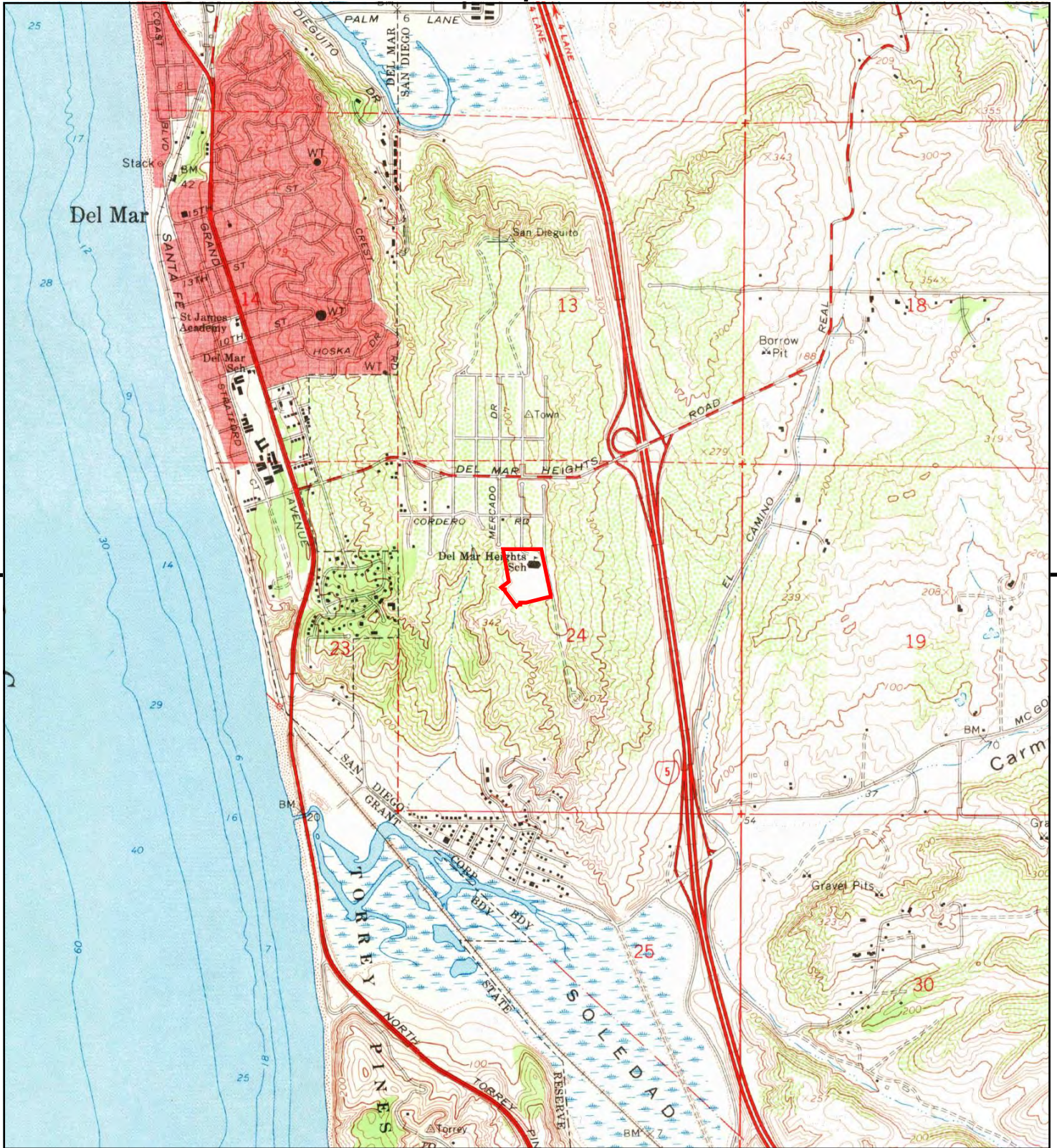
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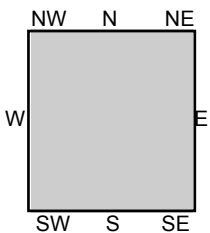
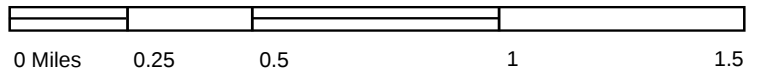
TP, Del Mar, 1975, 7.5-minute

SITE NAME: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar, CA 92014
CLIENT: PlaceWorks





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



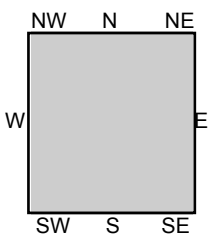
TP, Del Mar, 1967, 7.5-minute

SITE NAME: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar, CA 92014
 CLIENT: PlaceWorks





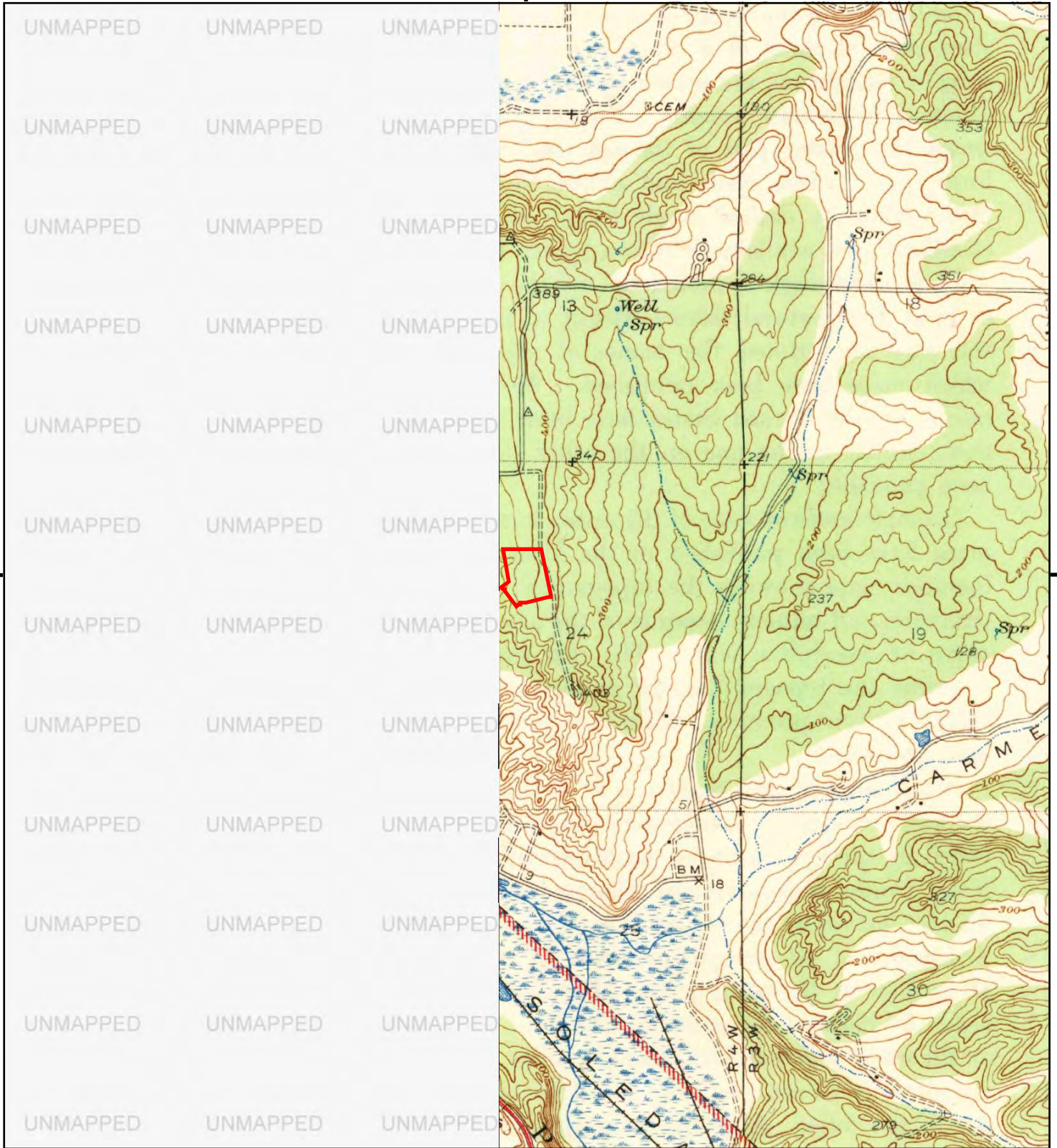
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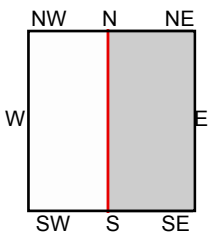
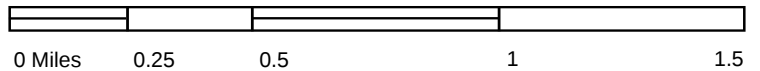
TP, Del Mar, 1953, 7.5-minute

SITE NAME: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar, CA 92014
 CLIENT: PlaceWorks





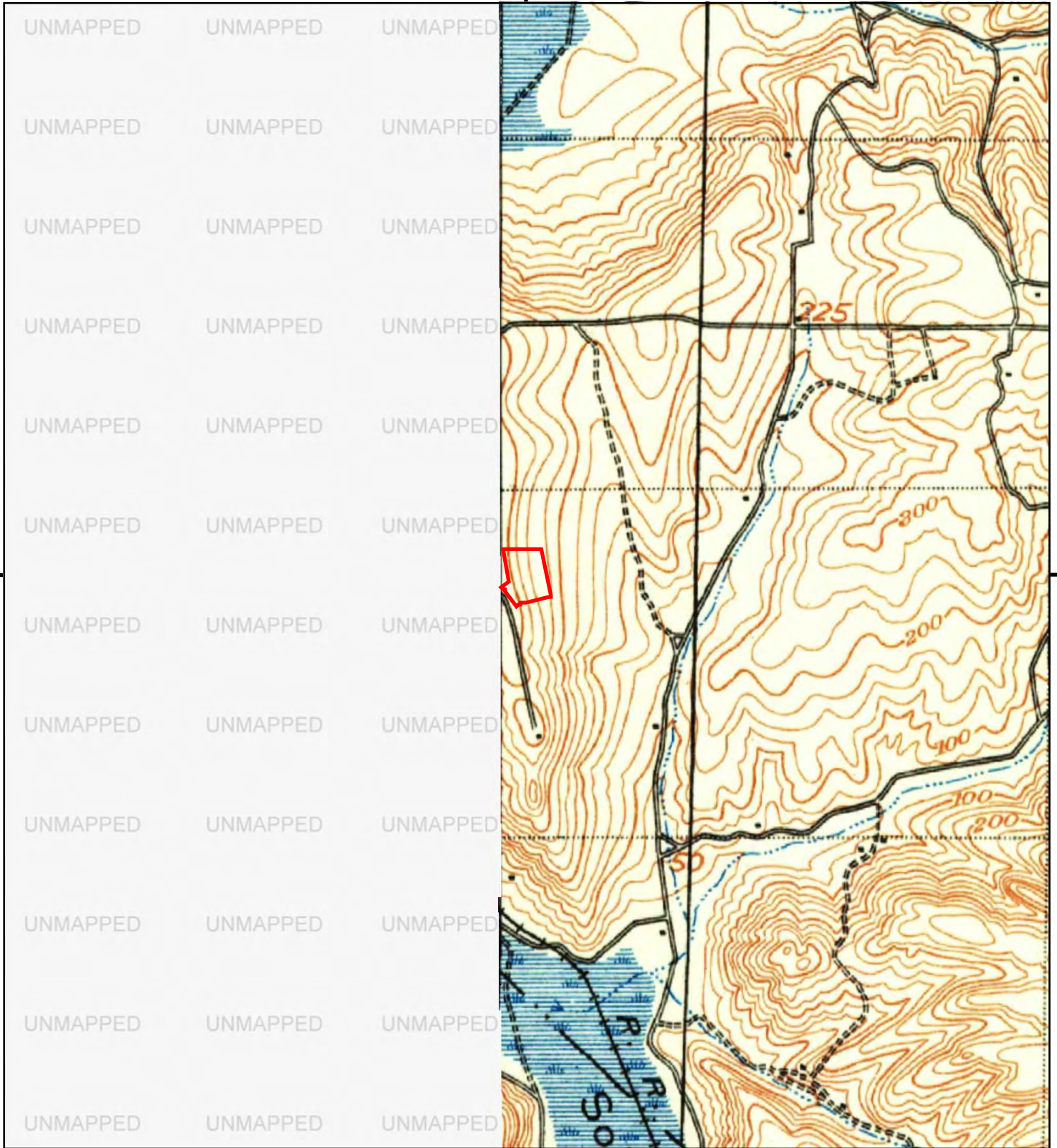
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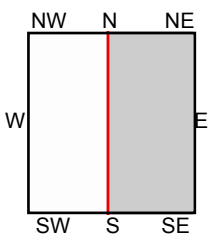
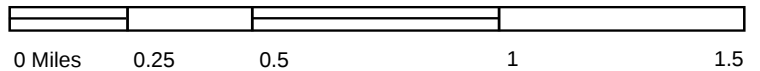
TP, Del Mar, 1943, 7.5-minute

SITE NAME: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar, CA 92014
 CLIENT: PlaceWorks





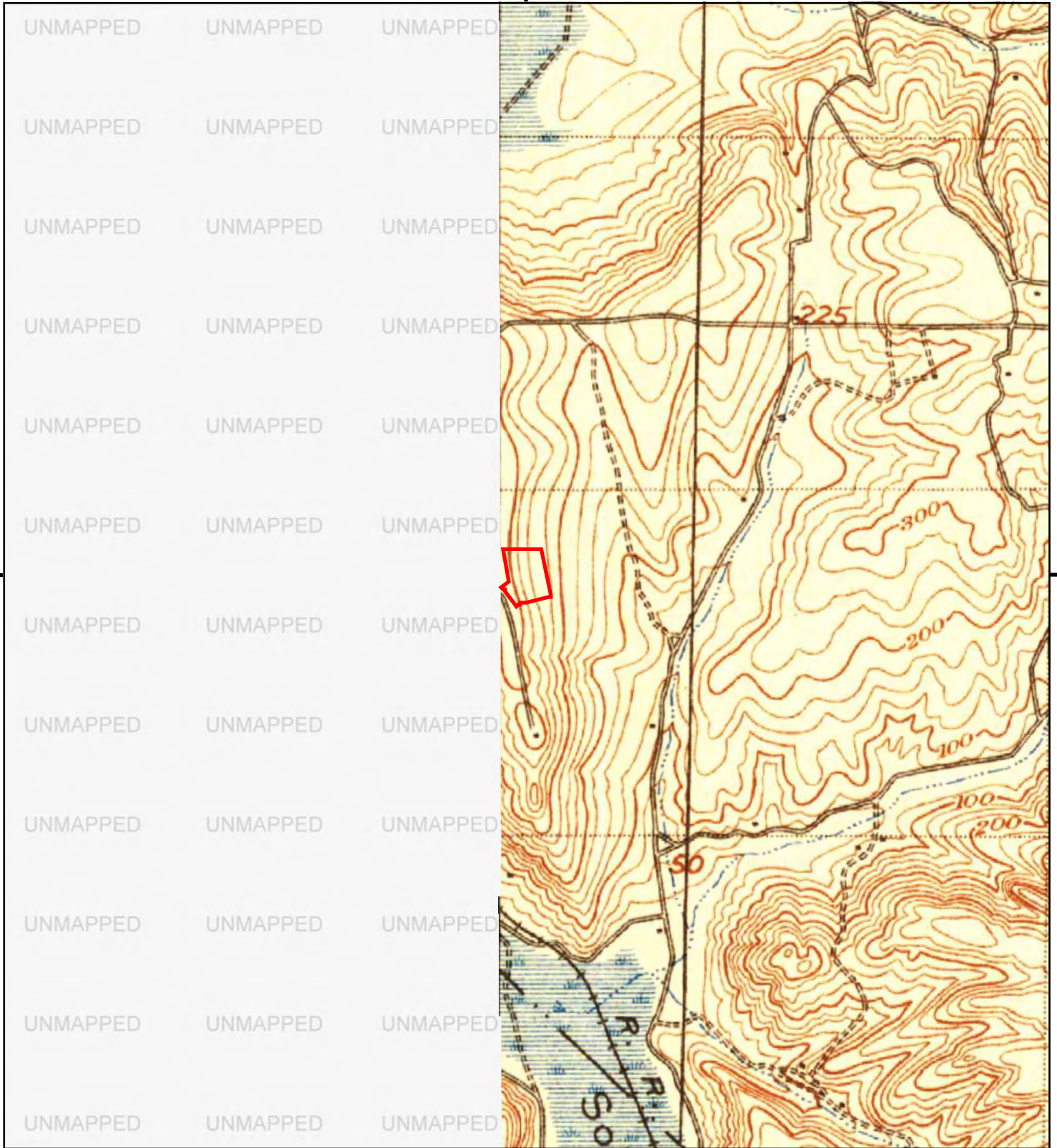
This report includes information from the following map sheet(s).



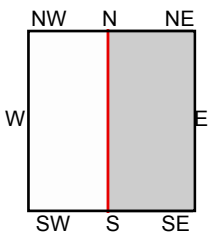
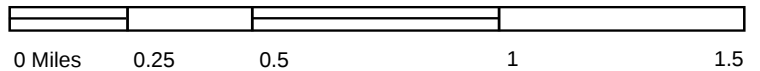
TP, La Jolla, 1930, 15-minute

SITE NAME: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar, CA 92014
CLIENT: PlaceWorks





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



TP, La Jolla, 1903, 15-minute

SITE NAME: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar, CA 92014
 CLIENT: PlaceWorks



Del Mar Heights School

13555 Boquita Drive
Del Mar, CA 92014

Inquiry Number: 5747542.5
August 12, 2019

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	☒	☐	EDR Digital Archive
2010	☒	☐	EDR Digital Archive
2005	☒	☐	EDR Digital Archive
2000	☒	☐	EDR Digital Archive
1995	☒	☐	EDR Digital Archive
1992	☒	☐	EDR Digital Archive
1987	☒	☐	EDR Digital Archive
1982	☒	☐	EDR Digital Archive
1977	☒	☐	Haines Criss-Cross Directory
1971	☒	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

13555 Boquita Drive
Del Mar, CA 92014

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

BOQUITA DR

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
1977	pg A9	Haines Criss-Cross Directory
1971	pg A10	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

BOQUITA DR 2014

13555	DEL MAR UNION SCHOOL DISTRICT
	PTA CALIFORNIA CONGRESS PTA DE
13614	CR SMOLIN INC
13623	SULLIVAN FRANCIS J M ROMA
13653	FREEMAN FAMILY TRUST
13714	RAMSEY REAL ESTATE GROUP

BOQUITA DR 2010

13555	DEL MAR UNION SCHOOL DISTRICT
	PTA CALIFORNIA CONGRESS PTA DE
13603	FLEXIBLE SOLUTIONS INC
	RAPPORT COMPOSITES USA INC
13614	CR SMOLIN INC
13653	FREEMAN FAMILY TRUST
13663	JABIN PARALEGAL SERVICES
	TUNED INVESTMENTS
13684	CONWELL GAIL DESIGN
	STYLE DEL MAR
13714	WHO KNOWS WHAT TOMRRW CAN BRNG

BOQUITA DR 2005

13555 DEL MAR UNION SCHOOL DISTRICT
13603 FLEXIBLE SOLUTIONS INC
13613 ARCHADECK SAN DIEGO
13614 CR SMOLIN INC
13644 SAINT DISTRIBUTION
13653 FREEMAN FAMILY TRUST
13673 SYNTHASOME INC

BOQUITA DR 2000

13555	DEL MAR UNION SCHOOL DISTRICT
13603	FLEXIBLE SOLUTIONS INC
13684	CONWELL GAIL DESIGN
13713	FISH JOHN
13714	SMITH DESIGN GROUP LLC

BOQUITA DR 1995

13555 DEL MAR UN ELEMENTARY SCHL DST
13684 CONWELL GAIL DESIGN

BOQUITA DR 1992

13555 DEL MAR HTS ELEMENTARY SCHL
13643 NORDAN JOSH L LAW OFC OF
13684 CONWELL GAIL DESIGN

BOQUITA DR 1987

13555 DEL MAR H EIGHTS ELEMENTARY
13614 ACCENT CONSTRUCTION

BOQUITA DR 1982

13555 DEL MAR HEIGHTS ELEMENTARY
13614 ACCENT CONSTRUCTION

BOQUITA DR 1977

BOQUITA DR 92014 DEL MAR		
13603	HUCKS HOWARD H	755-0990+7
13604	HOOKEER ELIZABETH	755-4164 5
13613	WALL RICHARD C	755-7679+7
13614*	ACCENT CONSTRUCTION	755-0889 5
	LEWICKI ALEKSANDER	755-2815+7
13623	EVERETT JOHN T	755-5814+7
13624	JUHA MICHAEL P	481-9775+7
13644	ROGERS L D	755-2611+7
13653	FREEMAN RICHARD L	755-4654 6
13673	LYON JAS K	755-4577+7
13674	PRICE JIM F	755-2819 5
	PRICE JIM	755-1427 6
13684	BOONE DONALD G	755-6393+7
	BOONE LAILA	755-6393+7
13713	COLTI JOHN R	755-9562+7
13723	LANGER MAURICE	755-6170 4
13724	ARNER LESLIE	755-6265 2
13734	HOUSMAN JOSEPH	755-8895 4
13743	LEHMANN FELIX P JR	755-8800 0
13744	SMITH BROWN B	755-0629 3
13754	HESS ALLEN L	481-0400 6
13764	RASKIND STEVEN H	481-8935+7
13824	BOESGAARD HILBERT	755-3741
	BOESGAARD JOHN	755-3705 4

BOQUITA DR 1971

BOQUITA DR 92014 DEL MAR

13674	BURKE H H	755-2819 0
13684	BOONE DONALD G	755-3469+1
13743	LEHMANN FELIX P JR	755-8800 0
13824	BOESGAARD HILBERT	755-3741
13854	FILIPPONE FRANK J	755-2314+1
14034	MITZO M A	755-8332+1
14082	CLEVELAND JOHN A	755-2355
14085	FRANZ MELVIN E	755-3549
14090	JOHNSON JOHN G	755-1942
14093	LIGHTHALL RICHARD J	755-2878
14099	TAYLOR ALAN L	755-1451+1
14111	RAE HUGH	755-4635
14121	LITCHFORD BRITT	755-8958+1
14131	FROEHLICH LAURA	755-4479
14141	WILSON GORDON L	755-1744
14151	WINTERBERGER R A	755-3744
14161	DICKERSON DONALD JR	755-2104
14173	SCHOCH THOS A	755-8980 0
14179	GRUGAL DONALD M	755-4250
14191	REIER CHAS E	755-3983
NO	#*DELMAR HGHT ELEM SC	755-9367 0
*	1 BUS 20 RES	5 NEW



Del Mar Heights School

13555 Boquita Drive

Del Mar, CA 92014

Inquiry Number: 5747542.3

August 09, 2019

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

08/09/19

Site Name:

Del Mar Heights School
13555 Boquita Drive
Del Mar, CA 92014
EDR Inquiry # 5747542.3

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:

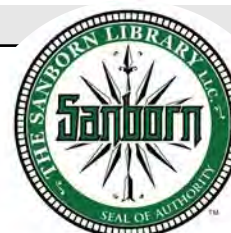
Certification # 2C46-483C-958C

PO # DMSD-02.0

Project Del Mar Heights School Rebuild

UNMAPED 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 #: 2C46-483C-958C

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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Appendix B. EDR

Appendix

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Del Mar Heights School

13555 Boquita Drive

Del Mar, CA 92014

Inquiry Number: 5747542.2s

August 09, 2019

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

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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

13555 BOQUITA DRIVE
DEL MAR, CA 92014

COORDINATES

Latitude (North):	32.9445580 - 32° 56' 40.40"
Longitude (West):	117.2495130 - 117° 14' 58.24"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	476676.4
UTM Y (Meters):	3644977.2
Elevation:	380 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5622814 DEL MAR, CA
Version Date:	2012
West 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:
13555 BOQUITA DRIVE
DEL MAR, CA 92014

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	DEL MAR USD / DEL MA	13555 BOQUITA DR	HAZNET		TP
2	CHRISTINA SIPPY	13754 MANGO DRIVE #2	RCRA NonGen / NLR	Lower	840, 0.159, NNE
A3	SUPER-7 19548	13801 MANGO DRIVE	LUST, CPS-SLIC, San Diego Co. HMMD, CERS HAZ...	Lower	1352, 0.256, NNE
A4	CITGO #19548	13801 MANGO DR	SAN DIEGO CO. SAM, UST	Lower	1352, 0.256, NNE
A5	7-ELEVEN LOC# 19548	13801 MANGO DR	LUST	Lower	1352, 0.256, NNE
6	DEL MAR CLEANERS	2644 DEL MAR HEIGHTS	RCRA-SQG, SAN DIEGO CO. SAM, CPS-SLIC, San Diego...	Lower	1619, 0.307, NNE
7	DEL MAR HIGHLANDS CA	12889 AND 12911 EL C	ENVIROSTOR	Lower	5208, 0.986, ENE

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:

Site	Database(s)	EPA ID
DEL MAR USD / DEL MA 13555 BOQUITA DR DEL MAR, CA 92014	HAZNET GEPAID: CAC002285897	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

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

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
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
CERS HAZ WASTE..... CERS HAZ WASTE
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
HIST UST..... Hazardous Substance Storage Container Database
CERS TANKS..... California Environmental Reporting System (CERS) Tanks
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

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)

EXECUTIVE SUMMARY

MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
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
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
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
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
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
SAN DIEGO CO LOP.....	Local Oversight Program Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
--------------	---

EXECUTIVE SUMMARY

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

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 04/29/2019 has revealed that there is 1 ENVIROSTOR 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>
DEL MAR HIGHLANDS CA Facility Id: 37550007 Status: Refer: 1248 Local Agency	12889 AND 12911 EL C	ENE 1/2 - 1 (0.986 mi.)	7	82

EXECUTIVE SUMMARY

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 are 2 SAN DIEGO CO. SAM sites 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>
CITGO #19548 Case Number: H01348-001 Case Number: H01348-002 Case Number: H01348-003 Facility Status: Closed Case	13801 MANGO DR	NNE 1/4 - 1/2 (0.256 mi.)	A4	56
DEL MAR CLEANERS Case Number: H10982-001 Facility Status: Closed Case	2644 DEL MAR HEIGHTS	NNE 1/4 - 1/2 (0.307 mi.)	6	57

LUST: 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.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites 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>
SUPER-7 19548 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T06019709497 Global Id: T0607302279	13801 MANGO DRIVE	NNE 1/4 - 1/2 (0.256 mi.)	A3	11
7-ELEVEN LOC# 19548 Database: LUST REG 9, Date of Government Version: 03/01/2001 Case Number: 9UT3511 Status: Preliminary site assessment underway	13801 MANGO DR	NNE 1/4 - 1/2 (0.256 mi.)	A5	57

CPS-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 CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites 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>
SUPER-7 19548 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed	13801 MANGO DRIVE	NNE 1/4 - 1/2 (0.256 mi.)	A3	11

EXECUTIVE SUMMARY

Global Id: T0608199843

DEL MAR CLEANERS

2644 DEL MAR HEIGHTS

NNE 1/4 - 1/2 (0.307 mi.) 6

57

Database: CPS-SLIC, Date of Government Version: 12/10/2018

Facility Status: Completed - Case Closed

Global Id: T06019757070

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA NonGen / NLR 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>
CHRISTINA SIPPY EPA ID:: CAC002969396	13754 MANGO DRIVE #2	NNE 1/8 - 1/4 (0.159 mi.)	2	9

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

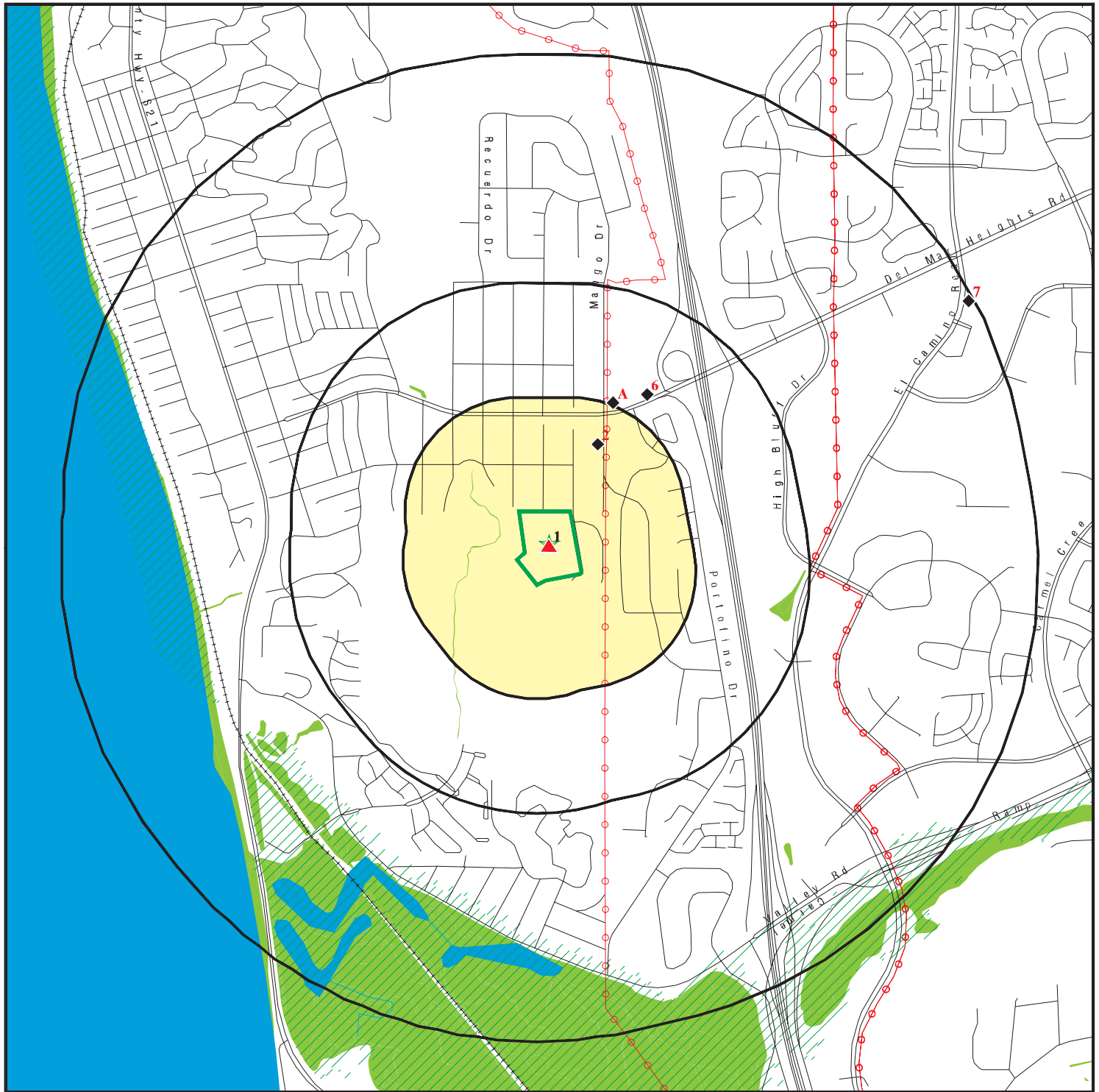
A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUPER-7 19548 Reg Id: 9UT3511	13801 MANGO DRIVE	NNE 1/4 - 1/2 (0.256 mi.)	A3	11

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5747542.2S



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

Areas of Concern

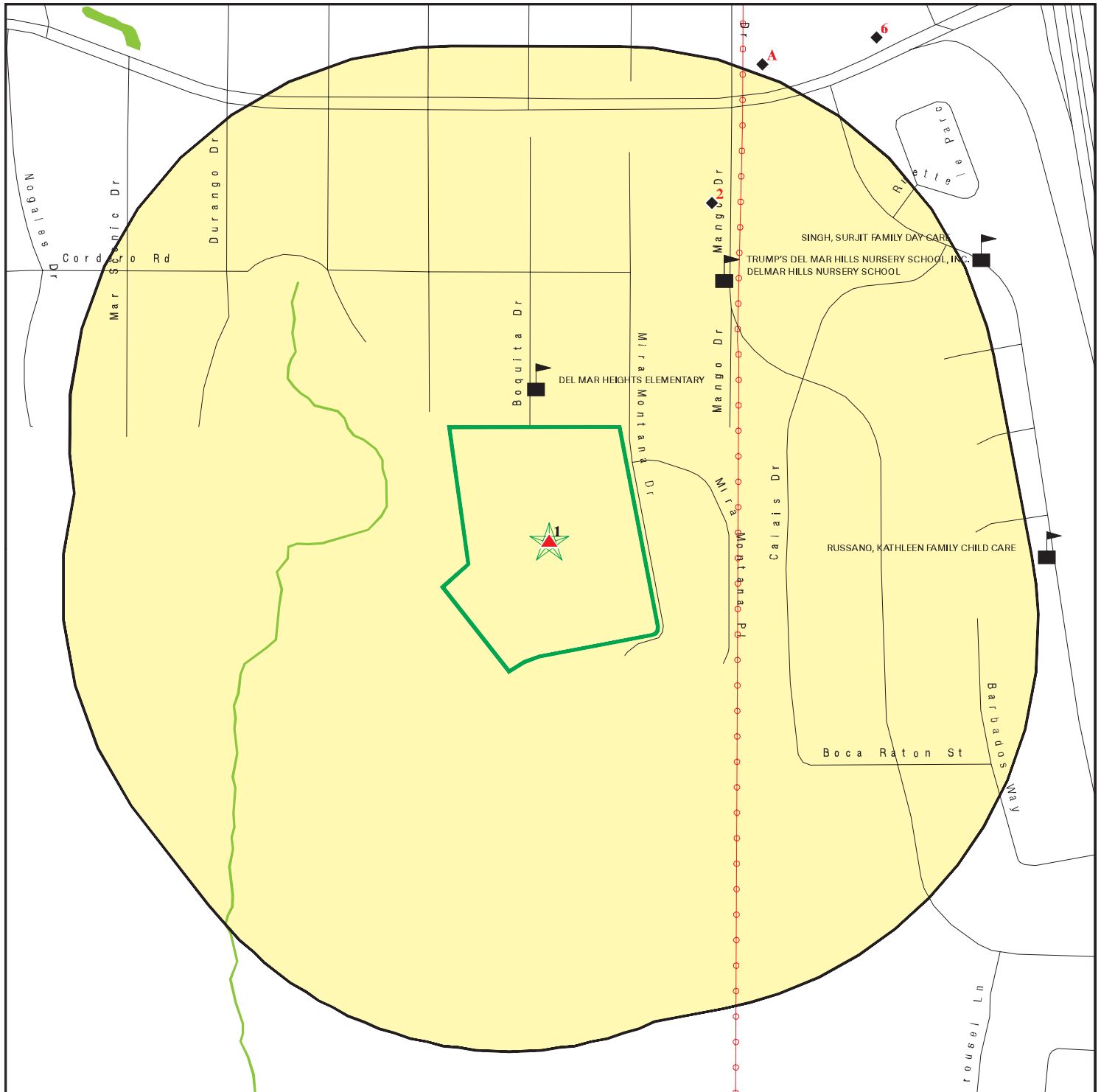
0 1/4 1/2 1 Miles

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: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar CA 92014
LAT/LONG: 32.944558 / 117.249513

CLIENT: PlaceWorks
CONTACT: Denise Clendening
INQUIRY #: 5747542.2s
DATE: August 09, 2019 12:45 pm

DETAIL MAP - 5747542.2S



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

0 1/16 1/8 1/4 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: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar CA 92014
LAT/LONG: 32.944558 / 117.249513

CLIENT: PlaceWorks
CONTACT: Denise Clendening
INQUIRY #: 5747542.2s
DATE: August 09, 2019 12:52 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	1.000		0	0	0	0	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</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<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>								
SAN DIEGO CO. SAM	0.500		0	0	2	NR	NR	2

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
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
State and tribal registered storage tank lists								
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
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
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
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	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
LIENS 2	0.001		0	NR	NR	NR	NR	0
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	1	NR	NR	NR	1
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	1.000		0	0	0	0	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	0.250		0	0	NR	NR	NR	0
FINDS	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
DOCKET HWC	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

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
DRYCLEANERS	0.250	1	0	0	NR	NR	NR	0
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		0	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	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	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	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
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
SAN DIEGO CO LOP	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		1	0	1	7	1	0	10
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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

DEL MAR USD / DEL MAR HEIGHTS SCHOOL
13555 BOQUITA DR
DEL MAR, CA 92014

HAZNET **S112909526**
N/A

Actual:
380 ft.

HAZNET:

Name: DEL MAR USD / DEL MAR HEIGHTS SCHOOL
Address: 13555 BOQUITA DR
City,State,Zip: DEL MAR, CA 920143453
Year: 2000
GEPAID: CAC002285897
Contact: KATHERINE TANNER - DIR FACIL
Telephone: 8587555649
Mailing Name: Not reported
Mailing Address: 225 9TH ST
Mailing City,St,Zip: DEL MAR, CA 920140000
Gen County: San Diego
TSD EPA ID: CAR000005454
TSD County: Sonoma
Tons: 1.8
CA Waste Code: 261-Polychlorinated biphenyls and material containing PCBs
Method: R01-Recycler
Facility County: San Diego

Name: DEL MAR USD / DEL MAR HEIGHTS SCHOOL
Address: 13555 BOQUITA DR
City,State,Zip: DEL MAR, CA 920143453
Year: 2000
GEPAID: CAC002285897
Contact: KATHERINE TANNER - DIR FACIL
Telephone: 8587555649
Mailing Name: Not reported
Mailing Address: 225 9TH ST
Mailing City,St,Zip: DEL MAR, CA 920140000
Gen County: San Diego
TSD EPA ID: NYD986980233
TSD County: 99
Tons: 0
CA Waste Code: -
Method: T03-Treatment, Incineration
Facility County: San Diego

Name: DEL MAR USD / DEL MAR HEIGHTS SCHOOL
Address: 13555 BOQUITA DR
City,State,Zip: DEL MAR, CA 920143453
Year: 2000
GEPAID: CAC002285897
Contact: KATHERINE TANNER - DIR FACIL
Telephone: 8587555649
Mailing Name: Not reported
Mailing Address: 225 9TH ST
Mailing City,St,Zip: DEL MAR, CA 920140000
Gen County: San Diego
TSD EPA ID: AZD980892731
TSD County: 99
Tons: 0.17
CA Waste Code: 343-Unspecified organic liquid mixture
Method: -
Facility County: San Diego

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR USD / DEL MAR HEIGHTS SCHOOL (Continued)

S112909526

Name: DEL MAR USD / DEL MAR HEIGHTS SCHOOL
Address: 13555 BOQUITA DR
City,State,Zip: DEL MAR, CA 920143453
Year: 2000
GEPAID: CAC002285897
Contact: KATHERINE TANNER - DIR FACIL
Telephone: 8587555649
Mailing Name: Not reported
Mailing Address: 225 9TH ST
Mailing City,St,Zip: DEL MAR, CA 920140000
Gen County: San Diego
TSD EPA ID: AZC950823111
TSD County: 99
Tons: 20.2272
CA Waste Code: 151-Asbestos containing waste
Method: D80-Disposal, Land Fill
Facility County: San Diego

Name: DEL MAR USD / DEL MAR HEIGHTS SCHOOL
Address: 13555 BOQUITA DR
City,State,Zip: DEL MAR, CA 920143453
Year: 2000
GEPAID: CAC002285897
Contact: KATHERINE TANNER - DIR FACIL
Telephone: 8587555649
Mailing Name: Not reported
Mailing Address: 225 9TH ST
Mailing City,St,Zip: DEL MAR, CA 920140000
Gen County: San Diego
TSD EPA ID: NYD986980233
TSD County: 99
Tons: 0.25
CA Waste Code: 261-Polychlorinated biphenyls and material containing PCBs
Method: R01-Recycler
Facility County: San Diego

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

2
NNE
1/8-1/4
0.159 mi.
840 ft.

CHRISTINA SIPPY
13754 MANGO DRIVE #224
DEL MAR, CA 92014

RCRA NonGen / NLR 1024749608
CAC002969396

Relative:
Lower

RCRA NonGen / NLR:

Actual:
338 ft.

Date form received by agency: 07/05/2018
Facility name: CHRISTINA SIPPY
Facility address: 13754 MANGO DRIVE #224
DEL MAR, CA 92014
EPA ID: CAC002969396
Mailing address: 10945 BLUFFSIDE DRIVE #435
STUDIO CITY, CA 91604
Contact: CHRISTINA SIPPY
Contact address: 10945 BLUFFSIDE DRIVE #435
STUDIO CITY, CA 91604
Contact country: Not reported
Contact telephone: 619-694-9637

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISTINA SIPPY (Continued)

1024749608

Contact email: CINDYEDWARDS@ALLIANCE-ENVIRO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHRISTINA SIPPY
Owner/operator address: 10945 BLUFFSIDE DRIVE #435
STUDIO CITY, CA 91604
Owner/operator country: Not reported
Owner/operator telephone: 619-694-9637
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CHRISTINA SIPPY
Owner/operator address: 10945 BLUFFSIDE DRIVE #435
STUDIO CITY, CA 91604
Owner/operator country: Not reported
Owner/operator telephone: 619-694-9637
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
NNE
1/4-1/2
0.256 mi.
1352 ft.
Relative:
Lower
Actual:
322 ft.

SUPER-7 19548
13801 MANGO DRIVE
DEL MAR, CA 92104
Site 1 of 3 in cluster A

LUST
CPS-SLIC
San Diego Co. HMMD
CERS HAZ WASTE
HIST UST
CERS TANKS
HIST CORTESE
SAN DIEGO CO LOP
CERS
S103948033
N/A

LUST:

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019709497
Global Id: T06019709497
Latitude: 32.949147
Longitude: -117.247083
Status: Completed - Case Closed
Status Date: 12/28/2004
Case Worker: JC
RB Case Number: Not reported
Local Agency: SAN DIEGO COUNTY LOP
File Location: Local Agency
Local Case Number: H01348-003
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T06019709497
Contact Type: Local Agency Caseworker
Contact Name: JAMES CLAY
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: james.clay@sdcounty.ca.gov
Phone Number: Not reported

LUST:

Global Id: T06019709497
Action Type: Other
Date: 10/14/2003
Action: Leak Began

Global Id: T06019709497
Action Type: Other
Date: 10/14/2003
Action: Leak Discovery

Global Id: T06019709497
Action Type: Other
Date: 10/14/2003
Action: Leak Stopped

Global Id: T06019709497
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Date: 10/14/2003
Action: Leak Reported

Global Id: T06019709497
Action Type: ENFORCEMENT
Date: 01/06/2005
Action: Closure/No Further Action Letter

LUST:

Global Id: T06019709497
Status: Open - Case Begin Date
Status Date: 10/14/2003

Global Id: T06019709497
Status: Completed - Case Closed
Status Date: 12/28/2004

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302279
Global Id: T0607302279
Latitude: 32.949103
Longitude: -117.247084
Status: Completed - Case Closed
Status Date: 11/03/2001
Case Worker: Not reported
RB Case Number: 9UT3511
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H01348-002
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0607302279
Action Type: Other
Date: 05/22/1997
Action: Leak Began

Global Id: T0607302279
Action Type: Other
Date: 05/22/1997
Action: Leak Discovery

Global Id: T0607302279
Action Type: Other
Date: 05/22/1997
Action: Leak Stopped

Global Id: T0607302279
Action Type: ENFORCEMENT
Date: 07/23/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Action: Notice of Responsibility

Global Id: T0607302279
Action Type: ENFORCEMENT
Date: 10/31/2001
Action: Closure/No Further Action Letter

Global Id: T0607302279
Action Type: Other
Date: 05/22/1997
Action: Leak Reported

LUST:

Global Id: T0607302279
Status: Open - Case Begin Date
Status Date: 05/22/1997

Global Id: T0607302279
Status: Completed - Case Closed
Status Date: 11/03/2001

CPS-SLIC:

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 08/19/1987
Global Id: T0608199843
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H01348-001
Latitude: 32.949147
Longitude: -117.247083
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

HMMD SAN DIEGO:

Name: 7-ELEVEN INC #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAD981406614
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-481-1445
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Permit Expiration: Not reported
Date Last Updated: 06/20/2018
Facility Owner: Not reported
Facility Mailing Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT, DALLAS, TX 75221
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Y
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-101348
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 5831714
Return To Compliance Date: 2017-11-03T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: 32329
Container/Tank Id: Not reported
Last Update: 2019-02-27T08:18:48.000
Inspection Date: 2017-11-03T10:02:20.000
Violation Code: 2030018 (RD) Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at dispenser when a leak is detected. 23 CCR 2636(f)(1)

UST DTL:

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-101348
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: 7-ELEVEN INC
Tankid: 1
Tank Status: SEE FILE
Date Ust Permanently Closed: 04/12/2018
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2018-04-14T01:49:17.000
Tank Capacityin Gallons: 15000
Tank Contents: Regular Unleaded
Type Of Tank: Double Wall

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-101348
Facility Type (Ust Facility): Motor Vehicle Fueling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Tank Owner Name: 7-ELEVEN INC
Tankid: 2
Tank Status: SEE FILE
Date Ust Permanently Closed: 04/12/2018
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2018-04-14T01:49:17.000
Tank Capacityin Gallons: 10000
Tank Contents: Premium Unleaded
Type Of Tank: Double Wall

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-101348
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: 7-ELEVEN INC
Tankid: 32329
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2019-02-27T08:19:01.000
Tank Capacityin Gallons: 15000
Tank Contents: Regular Unleaded
Type Of Tank: Double Wall

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-101348
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: 7-ELEVEN INC
Tankid: 32330
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2019-02-27T08:19:01.000
Tank Capacityin Gallons: 10000
Tank Contents: Premium Unleaded
Type Of Tank: Double Wall

Waste and Materials:

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0171932
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T16:15:19.000
Chemical Name: GASOLINE
Common Name: GASOLINE (GRADES: REGULAR & PREMIUM)
Case Number: 8006-61-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Active Permit: Y
Child Record Id: DEH2018-HWAST-0145875
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T16:15:19.000
Chemical Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Common Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126903
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-16T18:42:54.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0105915
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-16T18:42:54.000
Chemical Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Common Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0105916
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-16T18:42:54.000
Chemical Name: SUMP WASTE CLEAN-UP, TEST WATER
Common Name: SUMP WASTE CLEAN-UP, TEST WATER
Case Number: Not reported

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209038
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-02-27T08:19:00.000
Chemical Name: GASOLINE
Common Name: GASOLINE (GRADES: REGULAR & PREMIUM)
Case Number: 8006-61-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0209039

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-02-27T08:19:00.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181470
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-27T08:19:00.000
Chemical Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Common Name: WASTE ABSORBENT & SPENT DISPENSER FUEL FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181471
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-02-27T08:19:00.000
Chemical Name: SUMP WASTE CLEAN-UP, TEST WATER
Common Name: SUMP WASTE CLEAN-UP, TEST WATER
Case Number: Not reported

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0171933
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T16:15:19.000
Chemical Name: CARBON DIOXIDE
Common Name: CARBON DIOXIDE, REFRIGERATED LIQUID
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0126902
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-16T18:42:54.000
Chemical Name: GASOLINE
Common Name: GASOLINE (GRADES: REGULAR & PREMIUM)
Case Number: 8006-61-9

Record ID: DEH2002-HUPFP-101348
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0145876
Trade Secret: N
Hazardous Material Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Last Updated: 2019-01-28T16:15:19.000
Chemical Name: SUMP WASTE CLEAN-UP, TEST WATER
Common Name: SUMP WASTE CLEAN-UP, TEST WATER
Case Number: Not reported

Name: 7-ELEVEN #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Permit Number: 101348
Business Type: 6HK28
EPA Id Number: CAD981406614
APN: 300-480-03-00
Last HMMD Inspection: 12/07/2011
Facility Telephone: 858-481-1445
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: 7-ELEVEN, INC.
Facility Mailing Address: P O BOX 711
Facility Mailing City: DALLAS
Facility Mailing State: TX
Facility Mailing Zip: 75221-
UST Owner: 7-ELEVEN INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
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: 101348
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 101348 T009
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 101348
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 101348 T008
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 101348
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: WATER AND FUEL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Permit Number: 101348
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/20/2004
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/20/2004
Violation Code: 6HV3115
Violation: NO 2NDARY CONTAINMT. TEST/REPAIRS
Violation Citation: Secondary containment testing not completed (passed) for all components &/or repairs to secondary containment components not completed. 25284.1, 25291(a)(2); 2637
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3113
Violation: 2NDRY CONT TEST NOT SENT TO CUPA
Violation Citation: Secondary Containment testing not submitted to CUPA within 30 days. 2637(a)(4)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3558
Violation: SWPP3: ANNUAL PIPING INT TEST NOT DONE
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 3-Annual piping integrity test not performed. 2643(c)(3)
Activity: ACTIVE

Permit Number: 101348

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3558
Violation: SWPP3: ANNUAL PIPING INT TEST NOT DONE
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 3-Annual piping integrity test not performed. 2643(c)(3)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3558
Violation: SWPP3: ANNUAL PIPING INT TEST NOT DONE
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 3-Annual piping integrity test not performed. 2643(c)(3)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV3558
Violation: SWPP3: ANNUAL PIPING INT TEST NOT DONE
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 3-Annual piping integrity test not performed. 2643(c)(3)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 03/11/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/07/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/07/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/07/2007

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/07/2007
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 101348
Update Date: 11/02/2012
Inspection Date: 12/15/2005
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 101348 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: SINGLE WALL
Additional Id: RT1378/NT2390
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-10-14 00:00:00
Year Installed: 1977-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE
Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 101348 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: SINGLE WALL
Additional Id: RT1378NT2390
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-10-14 00:00:00
Year Installed: 1977-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG:
IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 101348 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: SINGLE WALL
Additional Id: RT1378/NT2390
Capacity Gallons: 12000
UST Contents: MIDGRADE UNLEADED
Other Content Info: PLUS UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-10-14 00:00:00
Year Installed: 1977-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE
Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG:
IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 101348 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: SINGLE WALL
Additional Id: 19548-4-0
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: Not reported
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY
MONTHLY, TANK TEST BIENNIALY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 101348 T005
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: SINGLE WALL
Additional Id: RT1378/NT2390
Capacity Gallons: 12000
UST Contents: PREMIUM UNLEADED
Other Content Info: SUPER UNLEADED
Reg Status: REMOVED
Remove Close Date: 2003-10-14 00:00:00
Year Installed: 1977-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE
Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG:
IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 101348 T006
Last Update: 2012-11-02 14:17:38

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Permit Number: 101348
Tank Type: UNKNOWN
Additional Id: 19548-5-0
Capacity Gallons: 500
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 101348 T007
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: DOUBLE WALL
Additional Id: RT1378/NT2390
Capacity Gallons: 10000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 2003-10-14 00:00:00
Year Installed: Not reported
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 20
UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 101348 T008
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: DOUBLE WALL
Additional Id: NT2390, RT3349/RT3867, RT4577, RT4950, RT5135
Capacity Gallons: 15000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 2003-11-11 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 30A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ WET TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 101348 T009
Last Update: 2012-11-02 14:17:38
Permit Number: 101348
Tank Type: DOUBLE WALL
Additional Id: NT2390, RT3349/RT3867, RT4577, RT4950, RT5135, RT52
Capacity Gallons: 10000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 2003-10-03 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 30A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ WET TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

Name: DEL MAR HEIGHTS AUTO REPAIR
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Permit Number: 137542
Business Type: 6HK26
EPA Id Number: CAL000222156
APN: 300-480-03-00
Last HMMD Inspection: 03/01/2006
Facility Telephone: 858-481-3245
Permit Status: INAC
Permit Expiration: 03/31/2006
Date Last Updated: 11/02/2012
Facility Owner: G.MICHAEL EDWARDS
Facility Mailing Address: 13801 MANGO DR
Facility Mailing City: DEL MAR
Facility Mailing State: CA
Facility Mailing Zip: 92014-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
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

Violations Inactive Permits:

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 02/13/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 02/13/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 08/04/2004
Violation Code: 6HV0202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 08/04/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 03/01/2006
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 03/01/2006
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 03/01/2006
Violation Code: 6HV0207
Violation: FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation: Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity: Inactive Permit

Permit Number: 137542
Update Date: 11/02/2012
Inspection Date: 03/01/2006
Violation Code: 6HV0215
Violation: OIL FILTERS IMPROPERLY MANAGED
Violation Citation: Used oil filters not properly drained, stored, or labeled prior to transport for the purpose of metal reclamation. CCR 66266.130
Activity: Inactive Permit

CERS HAZ WASTE:

Site ID: 1202
CERS ID: 10165847
CERS Description: Hazardous Waste Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Violations:

Site ID: 1202
Site Name: 7-ELEVEN INC #19548
Violation Date: 11-03-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 11/03/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5253054
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5253054
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Tank HT202 Inspection ID:4976642
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Tank HT202 Inspection ID:4976642
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-02-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:6010573
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5528884
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 1202
Facility Name: 7-ELEVEN INC #19548

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Env Int Type Code: HWG
Program ID: 10165847
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.949100
Longitude: -117.247100

Affiliation:

Affiliation Type Desc: Operator
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-1445

Affiliation Type Desc: Property Owner
Entity Name: 7 11
Entity Title: Not reported
Affiliation Address: POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: UST Property Owner Name
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Type Desc: Environmental Contact
Entity Name: DISPATCH 1
Entity Title: EMERGENCY SERVICES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JAMIL HERSHEWE
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: 7 11
Entity Title: OPERATOR
Affiliation Address: POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: STEPHEN BOYD
Entity Title: REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 771-5484

Affiliation Type Desc: Document Preparer
Entity Name: JEANINE CIULIK, BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Zip:	75221
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Owner
Entity Name:	7 11
Entity Title:	OWNER
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	STEPHEN BOYD
Entity Title:	REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST PO Name
Entity Name:	7 11
Entity Title:	Not reported
Affiliation Address:	POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711
Affiliation Type Desc:	Environmental Contact
Entity Name:	JAMIL HERSHEWE
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	STORE MGMT
Entity Title:	MANAGER
Affiliation Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: Parent Corporation
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

HIST UST:

Name: SUPER-7 19548
Address: 13801 MANGO DRIVE
City,State,Zip: DEL MAR, CA 92104
File Number: 0002F3F4
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F3F4.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

CERS TANKS:

Name: 7-ELEVEN INC #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Site ID: 1202
CERS ID: 10165847
CERS Description: Underground Storage Tank

Violations:

Site ID: 1202
Site Name: 7-ELEVEN INC #19548
Violation Date: 11-03-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 11/03/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 1202
Facility Name: 7-ELEVEN INC #19548
Env Int Type Code: HWG
Program ID: 10165847
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.949100
Longitude: -117.247100

Affiliation:
Affiliation Type Desc: Operator
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-1445

Affiliation Type Desc: Property Owner
Entity Name: 7 11
Entity Title: Not reported
Affiliation Address: POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: UST Property Owner Name
Entity Name: 7-ELEVEN INC
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: DISPATCH 1
Entity Title: EMERGENCY SERVICES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JAMIL HERSHEWE
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: 7 11
Entity Title: OPERATOR
Affiliation Address: POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: STEPHEN BOYD
Entity Title: REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 771-5484

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Type Desc:	Document Preparer
Entity Name:	JEANINE CIULIK, BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75221
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Owner
Entity Name:	7 11
Entity Title:	OWNER
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	STEPHEN BOYD
Entity Title:	REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST PO Name
Entity Name:	7 11
Entity Title:	Not reported
Affiliation Address:	POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711
Affiliation Type Desc:	Environmental Contact
Entity Name:	JAMIL HERSHEWE
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	STORE MGMT
Entity Title:	MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711
Affiliation Type Desc:	Parent Corporation
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711

HIST CORTESE:
edr_fname: 7-ELEVEN LOC# 19548
edr_fadd1: 13801 MANGO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

City,State,Zip: DEL MAR, CA 92014
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3511

SAN DIEGO CO LOP:

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Record ID: DEH1997-LSAM-H01348-002
Record Status: Completed
Opened Date: 05/22/1997
Parcel Number: 300-480-03-00
Case Type: LOP - Local Oversight Program
Historical Name: 7-ELEVEN
SWRCB Global ID: T0607302279
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 07/10/1997
Census Tract: 83.24
Community: Del Mar
Jurisdiction: SAN DIEGO
Watershed Basin Number: 906.1
Water Purveyor: SAN DIEGO
Fire Agency: SAN DIEGO
Latitude: 32.9490996
Longitude: -117.2471015
X MapCoord: 6255793.111
Y MapCoord: 1926586.877

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Record ID: DEH2003-LSAM-H01348-003
Record Status: Completed
Opened Date: 10/14/2003
Parcel Number: 300-480-03-00
Case Type: LOP - Local Oversight Program
Historical Name: 7-ELEVEN
SWRCB Global ID: T06019709497
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 02/05/2004
Census Tract: 83.24
Community: Del Mar
Jurisdiction: SAN DIEGO
Watershed Basin Number: 906.1
Water Purveyor: SAN DIEGO
Fire Agency: SAN DIEGO
Latitude: 32.9490996
Longitude: -117.2471015
X MapCoord: 6255793.111
Y MapCoord: 1926586.877

Name: CITGO #19548
Address: 13801 MANGO DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

City,State,Zip: DEL MAR, CA 92014
Record ID: DEH1987-LSAM-H01348-001
Record Status: Completed
Opened Date: 07/21/1987
Parcel Number: 300-480-03-00
Case Type: FIT - Failed Integrity Test
Historical Name: SUPER-7 #19548
SWRCB Global ID: T0608199843
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 07/21/1987
Census Tract: 83.24
Community: Del Mar
Jurisdiction: SAN DIEGO
Watershed Basin Number: 906.1
Water Purveyor: SAN DIEGO
Fire Agency: SAN DIEGO
Latitude: 32.9490996
Longitude: -117.2471015
X MapCoord: 6255793.111
Y MapCoord: 1926586.877

CERS:

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Site ID: 196277
CERS ID: T0607302279
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Site ID: 196277
CERS ID: T0608199843
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Phone: Not reported

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Site ID: 196277
CERS ID: T06019709497
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: 7-ELEVEN INC #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Site ID: 1202
CERS ID: 10165847
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 1202
Site Name: 7-ELEVEN INC #19548
Violation Date: 11-03-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 11/03/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Tank HT202 Inspection ID:4976642
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-02-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:6010573
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:5831714
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5253054
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5253054
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Tank HT202 Inspection ID:4976642
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Tank HT202 Inspection ID:4976642
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-02-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:6010573
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5528884
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-11-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:4793361
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-11-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:4793361
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-11-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:4793361
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2017
Violations Found:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 1202
Facility Name: 7-ELEVEN INC #19548
Env Int Type Code: HWG
Program ID: 10165847
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.949100
Longitude: -117.247100

Affiliation:
Affiliation Type Desc: Operator
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-1445

Affiliation Type Desc: Property Owner
Entity Name: 7 11
Entity Title: Not reported
Affiliation Address: POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: UST Property Owner Name
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: DISPATCH 1
Entity Title: EMERGENCY SERVICES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JAMIL HERSHEWE
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: 7 11
Entity Title: OPERATOR
Affiliation Address: POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	STEPHEN BOYD
Entity Title:	REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 771-5484
Affiliation Type Desc:	Document Preparer
Entity Name:	JEANINE CIULIK, BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75221
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Owner
Entity Name:	7 11
Entity Title:	OWNER
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	STEPHEN BOYD
Entity Title:	REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST PO Name
Entity Name:	7 11
Entity Title:	Not reported
Affiliation Address:	POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711
Affiliation Type Desc:	Environmental Contact
Entity Name:	JAMIL HERSHEWE
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	STORE MGMT
Entity Title:	MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75221
Affiliation Phone:	(800) 828-0711
Affiliation Type Desc:	Parent Corporation
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	7-ELEVEN INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Entity Title: Not reported
Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Name: 7-ELEVEN INC #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Site ID: 1202
CERS ID: 110055763534
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:
Site ID: 1202
Site Name: 7-ELEVEN INC #19548
Violation Date: 11-03-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 11/03/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Tank HT202 Inspection ID:4976642
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2018
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6010573
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:4793361
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5831714
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5528884
Eval Division: San Diego County Department of Env Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5253054
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 1202
Facility Name: 7-ELEVEN INC #19548
Env Int Type Code: HWG
Program ID: 10165847
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.949100
Longitude: -117.247100

Affiliation:
Affiliation Type Desc: Operator
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-1445

Affiliation Type Desc: Property Owner
Entity Name: 7 11
Entity Title: Not reported
Affiliation Address: POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: UST Property Owner Name
Entity Name: 7-ELEVEN INC
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: DISPATCH 1
Entity Title: EMERGENCY SERVICES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JAMIL HERSHEWE
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: 7 11
Entity Title: OPERATOR
Affiliation Address: POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: STEPHEN BOYD
Entity Title: REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 771-5484

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Type Desc:	Document Preparer
Entity Name:	JEANINE CIULIK, BELSHIRE ENVIRONMENTAL SERVICES, INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75221
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Owner
Entity Name:	7 11
Entity Title:	OWNER
Affiliation Address:	POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	STEPHEN BOYD
Entity Title:	REGIONAL GASOLINE ENVIRONMENTAL COMPLIANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST PO Name
Entity Name:	7 11
Entity Title:	Not reported
Affiliation Address:	POBOX 711NA ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	7-ELEVEN INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPER-7 19548 (Continued)

S103948033

Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: Environmental Contact
Entity Name: JAMIL HERSHEWE
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 711 ATTN ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: STORE MGMT
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: P O BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Affiliation Type Desc: Parent Corporation
Entity Name: 7-ELEVEN INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: 7-ELEVEN INC
Entity Title: Not reported
Affiliation Address: PO BOX 711, ATTN: ENVIRONMENTAL DEPARTMENT
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
NNE
1/4-1/2
0.256 mi.
1352 ft.

CITGO #19548
13801 MANGO DR
DEL MAR, CA 92014

SAN DIEGO CO. SAM
UST

U003939305
N/A

Site 2 of 3 in cluster A

Relative:
Lower

SAN DIEGO CO. SAM:

Actual:
322 ft.

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Case Number: H01348-001
Agency: DEH Site Assessment & Mitigation
Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 8/19/1987
Date Began: 7/21/1987

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Case Number: H01348-002
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 11/3/2001
Date Began: 5/22/1997

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 920143101
Case Number: H01348-003
Agency: DEH Site Assessment & Mitigation
Funding: LOP - Federal Fund
Facility Type: Soils Only
Facility Status: Closed Case
Date: 12/28/2004
Date Began: 10/14/2003

UST:

Name: CITGO #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Facility ID: H01348
Permitting Agency: SAN DIEGO COUNTY
Latitude: 32.950476
Longitude: -117.2457008

Name: 7-ELEVEN INC #19548
Address: 13801 MANGO DR
City,State,Zip: DEL MAR, CA 92014
Facility ID: 37-000-101348
Permitting Agency: San Diego County Department of Environmental Health
Latitude: 32.9491
Longitude: -117.2471

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A5
NNE
1/4-1/2
0.256 mi.
1352 ft.

7-ELEVEN LOC# 19548
13801 MANGO DR
DEL MAR, CA 92014
Site 3 of 3 in cluster A

LUST **S102769864**
N/A

Relative:
Lower

LUST REG 9:

Actual:
322 ft.

Region: 9
Status: Preliminary site assessment underway
Case Number: 9UT3511
Local Case: H01348-002
Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Other Means
How Stopped: Other Means
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 05/22/1997
Date Stopped: 05/22/1997
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 07/10/1997
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 05/22/1997
Enforce Date: Not reported
Closed Date: Not reported
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 906.10
GW Depth: Not reported
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 3B
File Disp: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

6
NNE
1/4-1/2
0.307 mi.
1619 ft.

DEL MAR CLEANERS
2644 DEL MAR HEIGHTS BLVD
DEL MAR, CA 92014

RCRA-SQG **1000123678**
SAN DIEGO CO. SAM **CAD981374804**
CPS-SLIC
San Diego Co. HMMD
CERS HAZ WASTE
FINDS
ECHO
DRYCLEANERS
EMI
CERS

Relative:
Lower

Actual:
289 ft.

RCRA-SQG:

Date form received by agency: 09/27/1994
Facility name: DEL MAR CLEANERS
Facility address: 2644 DEL MAR HEIGHTS BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

DEL MAR, CA 92014
EPA ID: CAD981374804
Contact: SOONG CHUNG
Contact address: 2644 DEL MAR HEIGHTS BLVD
DEL MAR, CA 92014
Contact country: US
Contact telephone: 619-481-0898
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHUNG SOONG IL
Owner/operator address: 2644 DEL MAR HEIGHTS RD
DEL MAR, CA 92014
Owner/operator country: Not reported
Owner/operator telephone: 619-481-0898
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

SAN DIEGO CO. SAM:

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Case Number: H10982-001
Agency: DEH Site Assessment & Mitigation
Funding: Private - VAP
Facility Type: Soils Only

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Facility Status: Closed Case
Date: 10/25/2005
Date Began: 7/12/2005

CPS-SLIC:

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/25/2005
Global Id: T06019757070
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H10982-001
Latitude: 32.950713
Longitude: -117.246123
Case Type: Cleanup Program Site
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:

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Permit Number: 110982
Business Type: 6HK53
EPA Id Number: CAD981374804
APN: 300-480-28-00
Last HMMD Inspection: 05/19/2005
Facility Telephone: 858-509-2604
Permit Status: CHNG
Permit Expiration: 12/31/2005
Date Last Updated: 11/02/2012
Facility Owner: HUN JU LEE
Facility Mailing Address: 2644 DEL MAR HEIGHTS RD
Facility Mailing City: DEL MAR
Facility Mailing State: CA
Facility Mailing Zip: 92014-3110
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Permit Number: 209671
Business Type: 6HK53
EPA Id Number: CAL000338233
APN: 300-480-28-00
Last HMMD Inspection: 01/27/2012
Facility Telephone: 858-509-2604
Permit Status: OPEN
Permit Expiration: 09/30/2013
Date Last Updated: 11/02/2012
Facility Owner: TAE WOO SONG
Facility Mailing Address: 2644 DEL MAR HEIGHTS RD
Facility Mailing City: DEL MAR
Facility Mailing State: CA
Facility Mailing Zip: 92014
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: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: SYNTHETIC ALIPHATIC HYDROCARBON
Other Information: DF-2000 DRY CLEANING FLUID
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: DF 2000 CONTAMINATED FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Other Information: DF2000 STILL BOTTOM WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 209671
Update Date: 11/02/2012
Inspection Date: 06/10/2010
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

waste manifest from the TSD facility on site for review. CCR
66262.40(a)

Activity: ACTIVE

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000338233
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 858-481-0898
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/17/2018
Facility Owner: Not reported
Facility Mailing Address: 2644 DEL MAR HEIGHTS RD, DEL MAR, CA 92014
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-209671
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5646610
Return To Compliance Date: 2017-04-28T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2018-09-06T00:00:00.000
Inspection Date: 2017-04-11T07:18:00.000
Violation Code: 3010002 Failed to obtain and/or maintain an active EPA ID. 22 CCR
66262.12

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-209671
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5646610
Return To Compliance Date: 2017-04-19T00:00:00.000
Nov: No
Violation Classification: Minor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2018-09-06T00:00:00.000
Inspection Date: 2017-04-11T07:18:00.000
Violation Code: 1010008 HMBP not certified annually as complete and accurate in CERS.
HSC 25508.2

Waste and Materials:

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0064096
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-17T02:32:40.000
Chemical Name: SYNTHETIC ALIPHATIC HYDROCARBON
Common Name: DF-2000 DRY CLEANING FLUID
Case Number: Not reported

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0048304
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-17T02:32:40.000
Chemical Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Common Name: DF2000 STILL BOTTOM WASTE
Case Number: Not reported

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0144109
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-23T16:31:57.000
Chemical Name: SYNTHETIC ALIPHATIC HYDROCARBON SOLVENT
Common Name: DF-2000 DRY CLEANING FLUID
Case Number: Not reported

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0122908
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-23T16:31:57.000
Chemical Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Common Name: DF2000 Hydrocarbon Solvent / Filters
Case Number: Not reported

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0188589
Trade Secret: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Hazardous Material Type: Pure
Last Updated: 2018-09-06T02:31:43.000
Chemical Name: SYNTHETIC ALIPHATIC HYDROCARBON SOLVENT
Common Name: DF-2000 DRY CLEANING FLUID
Case Number: Not reported

Record ID: DEH2008-HUPFP-209671
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163227
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-06T02:31:43.000
Chemical Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Common Name: DF2000 Hydrocarbon Solvent / Filters
Case Number: Not reported

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Permit Number: 209671
Business Type: 6HK53
EPA Id Number: CAL000338233
APN: 300-480-28-00
Last HMD Inspection: 01/27/2012
Facility Telephone: 858-509-2604
Permit Status: OPEN
Permit Expiration: 09/30/2013
Date Last Updated: 11/02/2012
Facility Owner: TAE WOO SONG
Facility Mailing Address: 2644 DEL MAR HEIGHTS RD
Facility Mailing City: DEL MAR
Facility Mailing State: CA
Facility Mailing Zip: 92014
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: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: SYNTHETIC ALIPHATIC HYDROCARBON
Other Information: DF-2000 DRY CLEANING FLUID
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 223 UNSPEC OIL CONTAINING WASTE
Other Information: DF 2000 CONTAMINATED FILTERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 209671
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Other Information: DF2000 STILL BOTTOM WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 209671
Update Date: 11/02/2012
Inspection Date: 06/10/2010
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: ACTIVE

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Permit Number: 206758
Business Type: 6HK53
EPA Id Number: CAD981374804
APN: 300-480-28-00
Last HMMD Inspection: 07/25/2007
Facility Telephone: 858-509-2604
Permit Status: INAC
Permit Expiration: 08/31/2008
Date Last Updated: 11/02/2012
Facility Owner: JAMES KWON
Facility Mailing Address: 2644 DEL MAR HEIGHTS RD
Facility Mailing City: DEL MAR
Facility Mailing State: CA
Facility Mailing Zip: 92014
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

Violations Inactive Permits:

Permit Number: 206758
Update Date: 11/02/2012
Inspection Date: 01/13/2006
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

identification number. CCR 66262.12(a)
Activity: Inactive Permit

Permit Number: 206758
Update Date: 11/02/2012
Inspection Date: 01/13/2006
Violation Code: 6HV1002
Violation: HMBP NOT ESTABLISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: Inactive Permit

Permit Number: 206758
Update Date: 11/02/2012
Inspection Date: 07/25/2007
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: Inactive Permit

CERS HAZ WASTE:

Site ID: 110743
CERS ID: 10364968
CERS Description: Hazardous Waste Generator

Violations:

Site ID: 110743
Site Name: DEL MAR CLEANERS
Violation Date: 04-11-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 04/19/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110743
Site Name: DEL MAR CLEANERS
Violation Date: 04-11-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/28/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 110743
Facility Name: DEL MAR CLEANERS
Env Int Type Code: HWG
Program ID: 10364968
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.948930
Longitude: -117.246720

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Affiliation Type Desc: Environmental Contact
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: taewoo song
Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: taewoo song
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: DEL MAR HEIGHTS VILLAGE PARTNER
Entity Title: Not reported
Affiliation Address: 11772 SORRENTO VALLEY RD 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Affiliation Zip: 92121
Affiliation Phone: (858) 334-3799

Affiliation Type Desc: Operator
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-0898

Affiliation Type Desc: Parent Corporation
Entity Name: DEL MAR CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

FINDS:

Registry ID: 110002685283

Environmental Interest/Information System

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

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

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

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

ECHO:

Envid: 1000123678
Registry ID: 110002685283
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002685283>

DRYCLEANERS:

Name: DEL MAR CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920143110
EPA Id: CAL000338233
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/25/2008
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: TAE WOO SONG
Owner Address: 2644 DEL MAR HEIGHTS RD
Owner Address 2: Not reported
Owner Telephone: 8583343799
Contact Name: TAE WOO SONG
Contact Address: 2644 DEL MAR HEIGHTS RD
Contact Address 2: Not reported
Contact Telephone: 8584810898
Mailing Name: Not reported
Mailing Address 1: 2644 DEL MAR HEIGHTS RD
Mailing Address 2: Not reported
Mailing City: DEL MAR
Mailing State: CA
Mailing Zip: 920143110
Owner Fax: 8587557715
Region Code: 4

EMI:

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 1999
County Code: 37
Air Basin: SD
Facility ID: 5158
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2000
County Code: 37
Air Basin: SD
Facility ID: 5158
Air District Name: SD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

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 Smllr Tons/Yr:0

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2001
County Code: 37
Air Basin: SD
Facility ID: 5158
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 Smllr Tons/Yr:0

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 5158
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 Smllr Tons/Yr:0

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2003
County Code: 37

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Air Basin: SD
Facility ID: 5158
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.467775
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 920140000
Year: 2005
County Code: 37
Air Basin: SD
Facility ID: 5158
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

City,State,Zip: DEL MAR, CA 920140000
Year: 2006
County Code: 37
Air Basin: SD
Facility ID: 5158
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: .35
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 956880000
Year: 2007
County Code: 37
Air Basin: SD
Facility ID: 5158
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: .35
Reactive Organic Gases Tons/Yr: .24451
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 5158
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: .35
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2009
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.34999999999999998
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2010
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.34999999999999998
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2011
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2012
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2013
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2014
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
Reactive Organic Gases Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2015
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
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

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Year: 2016
County Code: 37
Air Basin: SD
Facility ID: 5158
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: 0.35
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:Not reported

CERS:

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Site ID: 110743
CERS ID: 10364968
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 110743
Site Name: DEL MAR CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Violation Date: 04-11-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 04/19/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110743
Site Name: DEL MAR CLEANERS
Violation Date: 04-11-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/28/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 110743
Facility Name: DEL MAR CLEANERS
Env Int Type Code: HWG
Program ID: 10364968
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.948930
Longitude: -117.246720

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: taewoo song
Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Entity Name: taewoo song
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: DEL MAR HEIGHTS VILLAGE PARTNER
Entity Title: Not reported
Affiliation Address: 11772 SORRENTO VALLEY RD 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 334-3799

Affiliation Type Desc: Operator
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-0898

Affiliation Type Desc: Parent Corporation
Entity Name: DEL MAR CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DEL MAR CLEANERS
Address: 2644 DEL MAR HEIGHTS RD
City,State,Zip: DEL MAR, CA 92014
Site ID: 110743
CERS ID: T06019757070
CERS Description: Cleanup Program Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Violations:

Site ID: 110743
Site Name: DEL MAR CLEANERS
Violation Date: 04-11-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 04/19/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110743
Site Name: DEL MAR CLEANERS
Violation Date: 04-11-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/28/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Rosales Jennifer Inspection ID:5646610
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garcia Grissel Inspection ID:4100073
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 110743
Facility Name: DEL MAR CLEANERS
Env Int Type Code: HWG
Program ID: 10364968
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 32.948930
Longitude: -117.246720

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880

Affiliation Type Desc: Environmental Contact
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2644 DEL MAR HEIGHTS RD
Affiliation City: DEL MAR
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92014
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: taewoo song
Entity Title: owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEL MAR CLEANERS (Continued)

1000123678

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: taewoo song
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JAMES CLAY - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: DEL MAR HEIGHTS VILLAGE PARTNER
Entity Title: Not reported
Affiliation Address: 11772 SORRENTO VALLEY RD 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92121
Affiliation Phone: (858) 334-3799

Affiliation Type Desc: Operator
Entity Name: TAE WOO SONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 481-0898

Affiliation Type Desc: Parent Corporation
Entity Name: DEL MAR CLEANERS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7
ENE
1/2-1
0.986 mi.
5208 ft.

DEL MAR HIGHLANDS CAR WASH
12889 AND 12911 EL CAMINO REAL
SAN DIEGO, CA 92130

ENVIROSTOR **S106797724**
N/A

Relative:
Lower

Actual:
231 ft.

ENVIROSTOR:

Name: DEL MAR HIGHLANDS CAR WASH
Address: 12889 AND 12911 EL CAMINO REAL
City,State,Zip: SAN DIEGO, CA 92130
Facility ID: 37550007
Status: Refer: 1248 Local Agency
Status Date: 10/16/2001
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 75
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 32.95195
Longitude: -117.2337
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 37550007
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
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 known 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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	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: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	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: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019

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: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

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: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

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: 05/13/2019

Date Data Arrived at EDR: 05/14/2019

Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

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

LUST: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

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

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

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

LUST 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: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	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: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

CPS-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: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 42

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
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: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
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: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

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: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 06/20/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

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: 03/25/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-7905
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/30/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
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: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
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: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/24/2019

Date Data Arrived at EDR: 02/26/2019

Date Made Active in Reports: 04/17/2019

Number of Days to Update: 50

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019

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.

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: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

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: 12/31/2017

Date Data Arrived at EDR: 06/12/2018

Date Made Active in Reports: 08/06/2018

Number of Days to Update: 55

Source: Department of Toxic Substances Control

Telephone: 916-255-6504

Last EDR Contact: 07/08/2019

Next Scheduled EDR Contact: 10/21/2019

Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019

Date Data Arrived at EDR: 04/11/2019

Date Made Active in Reports: 05/08/2019

Number of Days to Update: 27

Source: CalEPA

Telephone: 916-323-2514

Last EDR Contact: 07/23/2019

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

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.

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: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
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: 03/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/16/2019
	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: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/07/2019
	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: 10/24/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 06/24/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/05/2019
	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: 12/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/23/2019
	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

Date Data Arrived at EDR: 01/03/2013

Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch

Telephone: N/A

Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / 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: 03/25/2019

Date Data Arrived at EDR: 03/27/2019

Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (415) 495-8895

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019

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: 03/07/2019

Date Data Arrived at EDR: 04/03/2019

Date Made Active in Reports: 05/23/2019

Number of Days to Update: 50

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019

Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 11/10/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747

Last EDR Contact: 07/09/2019

Next Scheduled EDR Contact: 10/21/2019

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

Date Data Arrived at EDR: 02/06/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey

Telephone: 888-275-8747

Last EDR Contact: 07/10/2019

Next Scheduled EDR Contact: 10/21/2019

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: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
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: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
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: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
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: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
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: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
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: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	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: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	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: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	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: No Update Planned

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: No Update Planned

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: 07/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/04/2019
	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: 06/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2019
	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: 06/07/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/16/2019
	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: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	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: 04/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/02/2019	Telephone: 202-343-9775
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/14/2019
	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: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
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: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
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: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
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: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
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: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
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: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

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: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	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: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/02/2019
	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: 03/25/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-3400
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
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: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
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: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
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: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/20/2019	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/14/2019	Telephone: 916-445-9379
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	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: 03/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-445-4038
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-323-3836
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/23/2019
	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: 03/18/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2019	Telephone: 916-445-3846
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/17/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/30/2019
	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: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 06/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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 boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
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: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

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: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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:

CS ALAMEDA: 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: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

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: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

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

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: 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: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/30/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 53

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: 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: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

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

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: 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: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: 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: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: 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: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SANTA CLARA: 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: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: 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: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: 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: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

LF VENTURA: 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: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: 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: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MED WASTE VENTURA: 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: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 42

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
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: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data 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 and Wildlife

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

DEL MAR HEIGHTS SCHOOL
13555 BOQUITA DRIVE
DEL MAR, CA 92014

TARGET PROPERTY COORDINATES

Latitude (North):	32.944558 - 32° 56' 40.41"
Longitude (West):	117.249513 - 117° 14' 58.25"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	476676.4
UTM Y (Meters):	3644977.2
Elevation:	380 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5622814 DEL MAR, CA
Version Date:	2012
West 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 principle 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).

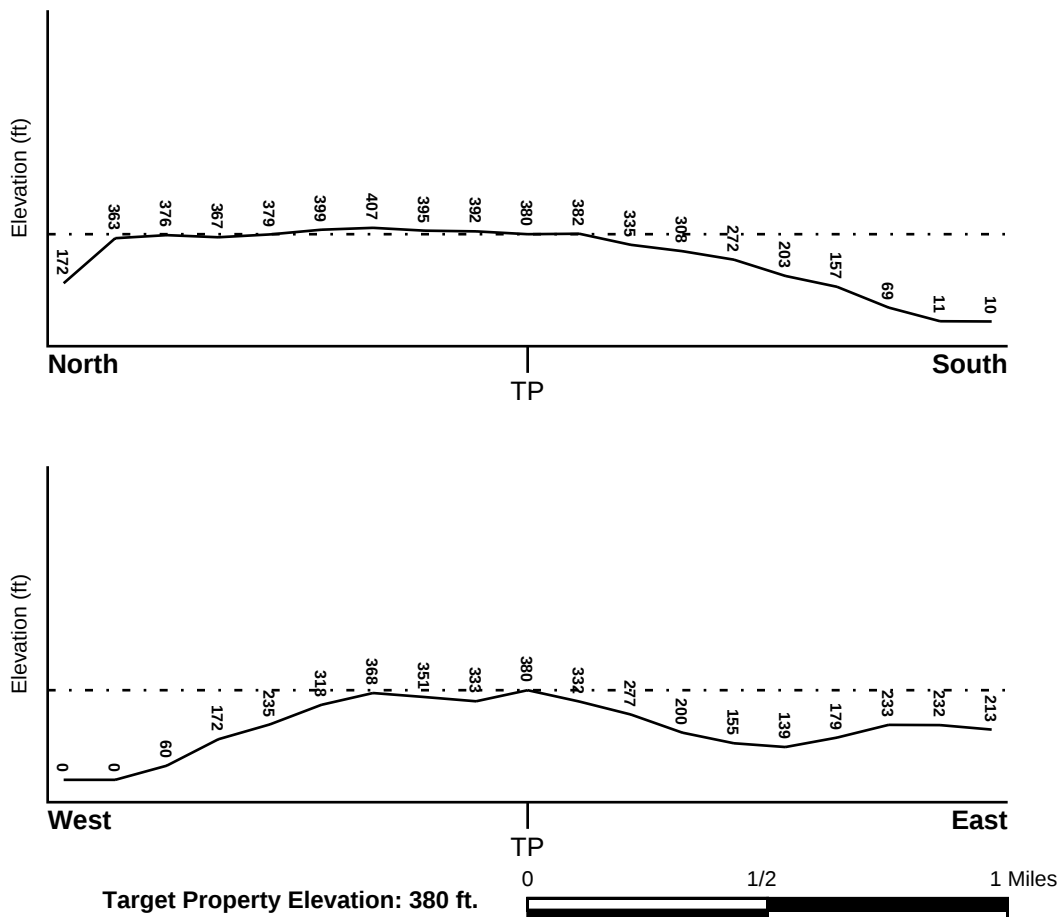
TOPOGRAPHIC INFORMATION

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 SE

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>
06073C1328G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06073C1309G	FEMA FIRM Flood data
06073C1317G	FEMA FIRM Flood data
06073C1336G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
DEL MAR	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

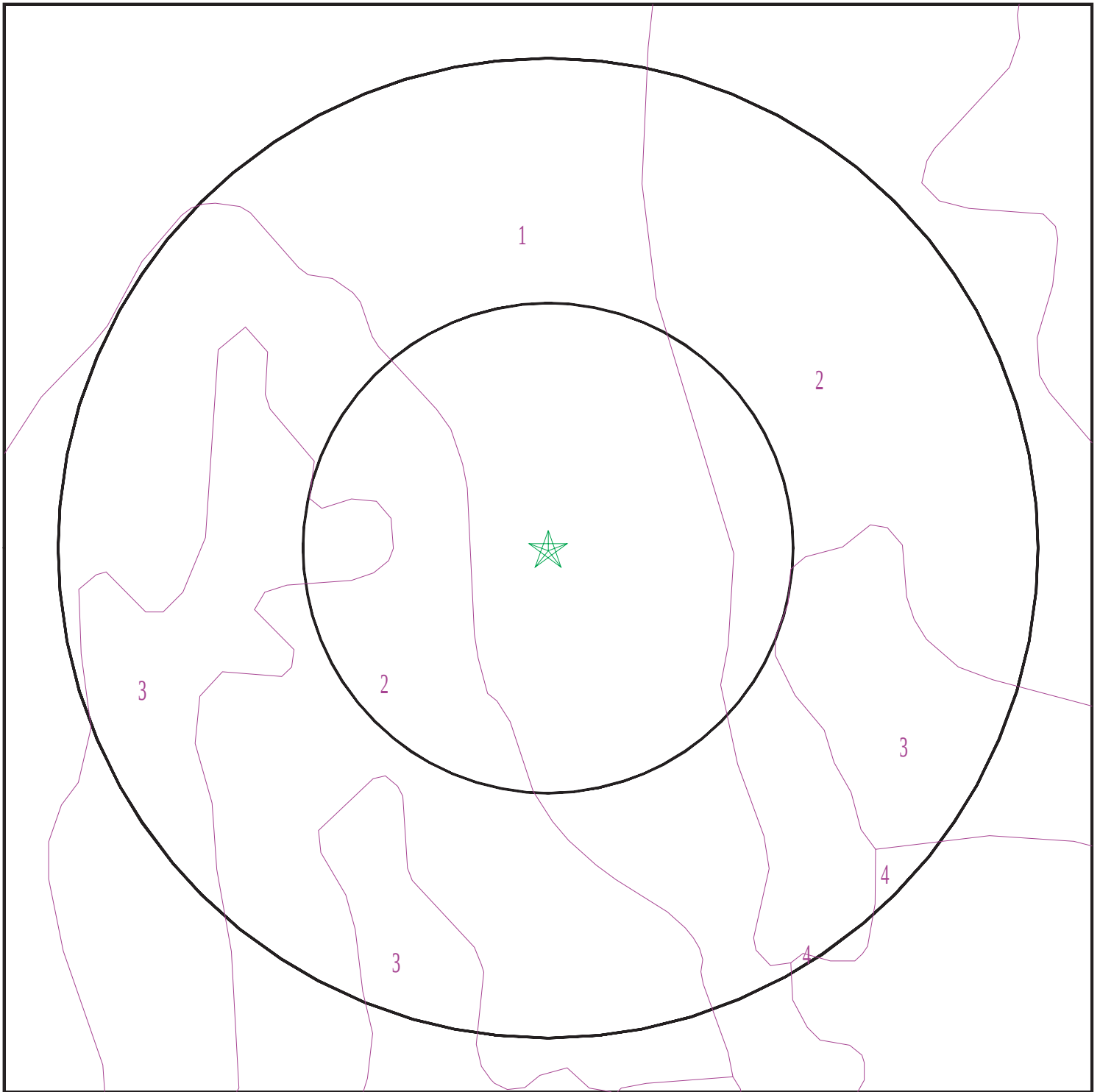
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (decoded above as Era, System & Series)

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 - 5747542.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Del Mar Heights School
ADDRESS: 13555 Boquita Drive
Del Mar CA 92014
LAT/LONG: 32.944558 / 117.249513

CLIENT: PlaceWorks
CONTACT: Denise Clendening
INQUIRY #: 5747542.2s
DATE: August 09, 2019 12:53 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.	Not reported	Max: Min:	Max: Min:
2	20 inches	38 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: Min:	Max: Min:
3	38 inches	50 inches	indurated	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	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, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
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, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
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: TERRACE ESCARPMENTS

Soil Surface Texture: variable

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

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 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

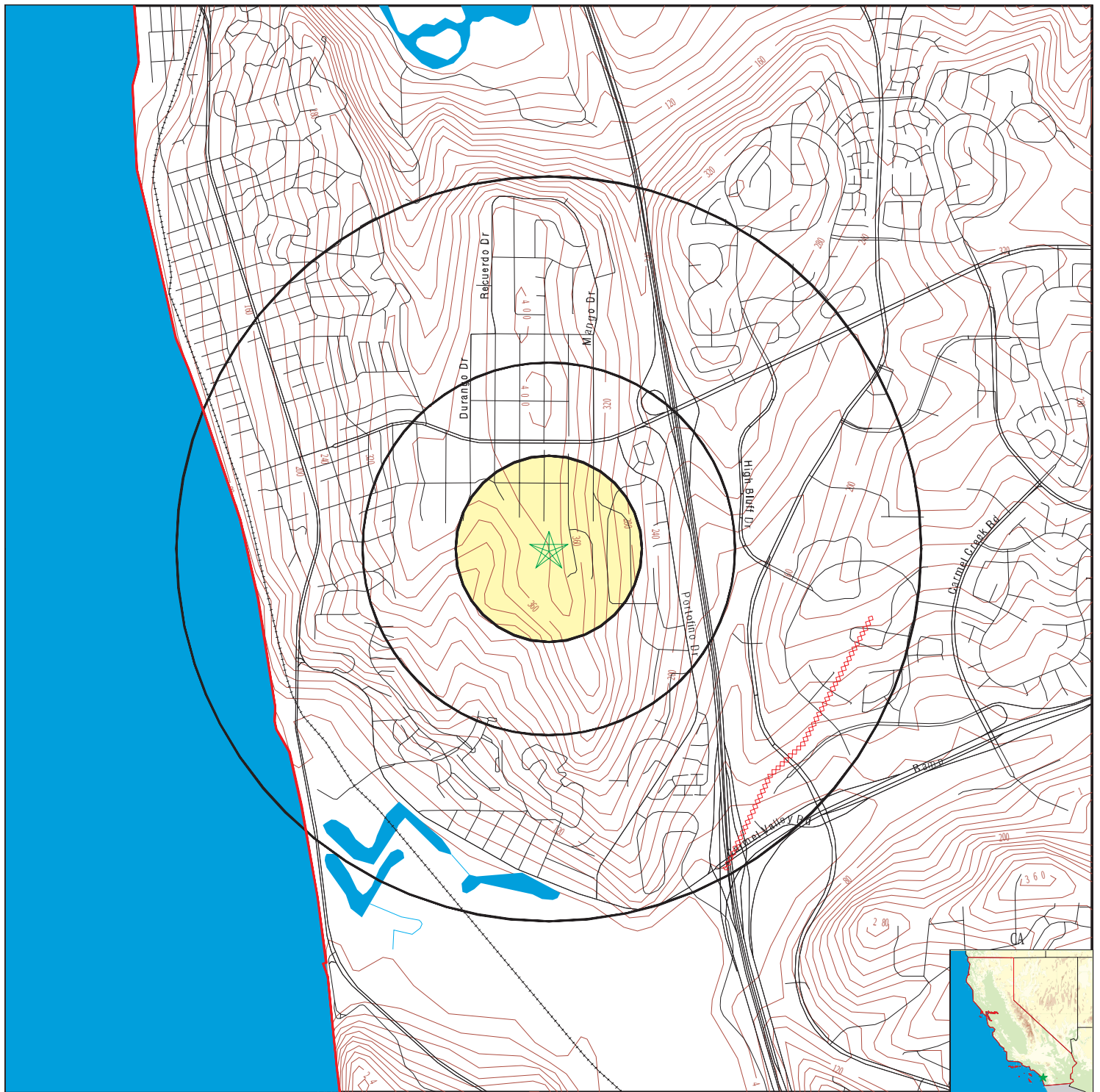
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5747542.2s



- 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: Del Mar Heights School
 ADDRESS: 13555 Boquita Drive
 Del Mar CA 92014
 LAT/LONG: 32.944558 / 117.249513

CLIENT: PlaceWorks
 CONTACT: Denise Clendening
 INQUIRY #: 5747542.2s
 DATE: August 09, 2019 12:53 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92014	14	0

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 Zip Code: 92014

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.250 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
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 and Wildlife

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.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

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.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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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PLACEWORKS

SITE PHOTOGRAPHS

Client Name: Del Mar Union School District
Site Location: Del Mar Heights School Rebuild
Project No.: DMSD-02.0

Photo No:
1

Date:
9/18/2019

Description:

View of the front of the school from the sidewalk looking southeast.



Photo No:
2

Date:
9/18/2019

Description:

View of the northern portion of the school looking west.





PLACEWORKS

SITE PHOTOGRAPHS

Client Name: Del Mar Union School District
Site Location: Del Mar Heights School Rebuild
Project No.: DMSD-02.0

Photo No:
3

Date:
9/18/2019

Description:

View of the western portion of the school looking north.



Photo No:
4

Date:
9/18/2019

Description:

View looking towards kindergarten area to the northwest.



Appendix D. Phase I Addendum

Appendix

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October 2019 | Phase I Environmental Site Assessment Addendum

Del Mar Heights ES Rebuild Project

for Del Mar Union School District

Prepared for:

Del Mar Union School District

Contact: Kevin Lesko, Business Services & Purchasing Supervisor
11232 El Camino Real
San Diego, California 92130

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 Del Mar Union School District for proposed modernization of Del Mar Heights School (project site). The project site is at 13555 Boquita Drive within the neighborhood of Del Mar Heights in the City of San Diego, 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 10.5-acre Del Mar Heights campus is identified with Assessor's Parcel Number [APN] 301-0500-700. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of San Diego, San Diego County. The site is in the residential neighborhood of Del Mar Heights. The project site is surrounded by Boquita Drive to the north, Mira Montana Drive to the east, and Torey Pines Natural Reserve Extension to the south and west of the project site. 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 0.30-mile west of the site.

Del Mar Heights Elementary School was constructed initially in 1959 and the reconstruction of the school includes fully redeveloping the Del Mar Heights Elementary School. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

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.

The sampling program and results are summarized below:

- A total of 56 soil samples plus 5 duplicates were collected. Samples were collected from 28 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs (Table 1).
- Twenty composite soil samples and two 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.

Executive Summary

- Twenty-eight soil samples plus three 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.
- 4,4'-DDD, 4,4'-DDE, chlordane, and heptachlor epoxide were detected above the laboratory detection limit but well below residential EPA Region 9 Regional Screening Levels (RSLs) and DTSC Screening Levels (SLs) for the respective OCPs adjusted for composite samples (Table 2).
- Lead was detected in all 28 shallow (0.5 feet bgs) soil samples plus the three duplicate samples above laboratory detection limits. Lead concentrations ranged from 1.6 milligrams per kilogram (mg/kg) to 9 mg/kg at 0.5 feet bgs. The DTSC screening level for lead is 80 mg/kg. All lead concentrations at 0.5 feet 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 Del Mar Union School District and the rebuild of Del Mar Heights Elementary School located at 13555 Boquita Drive in the City of San Diego, 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 Del Mar Union 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] 301-0500-700 and is approximately 10.5-acres in size.

Del Mar Heights Elementary School was initially constructed around 1959 and the reconstruction of the school includes fully redeveloping the Del Mar Heights Elementary School. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

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 September 18, 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 historic buildings. The investigation was conducted on September 18, 2019. The scope for the field and laboratory investigation is discussed in Section 2. The field and laboratory program included:

1. Introduction

- A total of 56 soil samples plus 5 duplicates were collected. Samples were collected from 28 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs.
- Twenty composite soil samples and two 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.
- Twenty-eight soil samples plus three duplicates were collected from the 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.

2. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the site on September 18, 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 10.5-acres of the project site had been vacant undeveloped land until approximately 1959 when the first school buildings were constructed. A total of 56 soil samples plus duplicates were collected on September 18, 2019 from 28 locations to characterize soil from surface to 0.5 and 2.5 feet bgs. Low lying areas were selected to assess the structures. Twenty-eight soil samples plus duplicates were 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. Twenty composite soil samples and two composite duplicate samples 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 depths of both 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 to dense strong brown silty fine sand and reddish yellow clayey fine sand with occasional gravel. No staining, unusual odors, or visual signs of contamination were observed by the field geologist.

2.5.2 Pesticides

The following four OCPs were detected above laboratory screening levels with the number of detects in parenthesis: 4,4'-DDD (1), 4,4'-DDE (1), chlordane (3) and heptachlor epoxide (1).

4,4'-DDD was detected in Composite B-27, B-28 at 0.5 feet bgs at 0.0048 mg/kg. The EPA Region 9 RSL for residential exposure for 4,4'-DDD adjusted for a 2:1 composite is 0.95 mg/kg which is above the level detected at the project site. The concentration of 4,4'-DDD drops below the laboratory detection limit in Composite B-27, B-28 at 2.5 feet bgs.

3. Site History and Background Information

4,4'-DDE was detected in Composite B-27, B-28 at 0.5 feet bgs at 0.0085 mg/kg. The EPA Region 9 RSL and the DTSC SL for 4,4'-DDE adjusted for a 2:1 composite is 1.00 mg/kg which is above the concentration detected at the project site. The concentration of 4,4'-DDE drops below the laboratory detection limit in Composite B-27, B-28 at 2.5 feet bgs.

Chlordane was detected in Composite B-5, B-6, B-7 at 0.5 feet bgs and at 2.5 feet bgs at 0.014 mg/kg and 0.018 mg/kg respectively. Chlordane was also detected in Composite B-27, B-28 at 0.078 mg/kg. The EPA Region 9 RSL and the DTSC SL for chlordane adjusted for a 3:1 composite is 0.57 mg/kg and for a 2:1 composite the screening level is 0.85 mg/kg, which are above the concentrations detected at the project site.

Heptachlor epoxide was detected in Composite B-27, B-28 at 0.5 feet bgs at 0.0051 mg/kg. The EPA Region 9 RSL for heptachlor epoxide adjusted for a 2:1 composite is 0.035 mg/kg which is above the concentration detected at the project site. The level of heptachlor epoxide drops below the laboratory detection limit in Composite B-27, B-28 at 2.5 feet bgs.

All OCPs detected were significantly below EPA and DTSC SLs for residential exposure. Table 2 provides a summary of the OCP results showing that the concentrations detected are below health-based screening levels.

2.5.3 Lead

Lead was detected above laboratory detection limits in all 28 soil samples plus the three duplicate samples analyzed. Lead concentrations at 0.5' bgs ranged from 1.6 mg/kg to 9 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 28 soil samples and the three duplicate samples above laboratory reporting limits (Table 3). Lead concentrations at 0.5 feet ranged 1.6 mg/kg to 9 mg/kg. Lead concentrations at the site at 0.5 feet bgs are below the DTSC SL and are within typical background concentrations.

3.2 PESTICIDE SCREENING

4,4'-DDD, 4,4'-DDE, chlordane, and heptachlor epoxide were detected above the laboratory detection limit but well below EPA Region 9 Regional Screening Levels (RSLs) and DTSC Screening Levels (SLs) for the respective OCPs adjusted for composite samples. Table 2 shows the levels of OCPs detected at the project site compared to 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	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)	0.5 mg/kg	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 Del Mar Union School District for proposed modernization of Del Mar Heights Elementary School (project site). The project site is at 13555 Boquita Drive in the neighborhood of Del Mar Heights in the City of San Diego, 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 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 10.5-acre Del Mar Heights campus is identified with Assessor's Parcel Number [APN] 301-0500-700. Figure 3 is an aerial photograph showing current site conditions and boundaries of the school. The existing school site is in the City of San Diego, San Diego County. The site is in the residential neighborhood of Del Mar Heights. The project site is surrounded by Boquita Drive to the north, Mira Montana Drive to the east, and Torey Pines Natural Reserve Extension to the south and west of the project site. 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 0.30-mile west of the site.

Del Mar Heights Elementary School was constructed around 1959 and the reconstruction of the school includes fully redeveloping the Del Mar Heights Elementary School campus. The capacity will remain the same, buildings will be limited to one story, and access to the school will remain via Boquita Drive.

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

The sampling program and results are summarized below:

- A total of 56 soil samples plus 5 duplicates were collected. Samples were collected from 26 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs (Table 1).
- Twenty composite soil samples and two 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

- Twenty-eight soil samples plus three 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.
- 4,4'-DDD, 4,4'-DDE, chlordane, and heptachlor epoxide were detected above the laboratory detection limit but well below EPA Region 9 Regional Screening Levels (RSLs) and DTSC Screening Levels (SLs) for the respective OCPs adjusted for composite samples (Table 2).
- Lead was detected in all 28 shallow (0.5 feet bgs) soil samples plus the three duplicate samples above laboratory detection limits. Lead concentrations ranged from 1.6 milligrams per kilogram (mg/kg) to 9 mg/kg at 0.5 feet bgs. The 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), 2019. Human Health Risk Assessment (HHRA) Note Number 3, DTSC –modified Screening Levels (DTSC-SLs). April 2019.
7. PlaceWorks, 2019. Phase I Environmental Site Assessment: Del Mar Heights School Rebuild for Del Mar Union School District. October 2019.
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, 2019. Pacific Southwest, Region 9. Regional Screening Levels. Updated May 2019. <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
Del Mar Heights School Rebuild
Del Mar Union School District
San Diego, California

Sample Number	Depth (feet bgs)	Date	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-1	0.5'	9/18/2019	School Building	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'	9/18/2019	School Building	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'	9/18/2019	School Building	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'	9/18/2019	School Building	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'	9/18/2019	School Building	Composite B-5, B-6, B-7	D
	2.5'			Composite B-5, B-6, B-7	
B-6	0.5'	9/18/2019	School Building	Composite B-5, B-6, B-7	D
	2.5'			Composite B-5, B-6, B-7	
B-7	0.5'	9/18/2019	School Building	Composite B-5, B-6, B-7	D
	2.5'			Composite B-5, B-6, B-7	
B-8	0.5'	9/18/2019	School Building	Composite B-8, B-9, B-10	D
	2.5'			Composite B-8, B-9, B-10	
B-9	0.5'	9/18/2019	School Building	Composite B-8, B-9, B-10	D
	2.5'			Composite B-8, B-9, B-10	
B-10	0.5'	9/18/2019	School Building	Composite B-8, B-9, B-10	D
	2.5'			Composite B-8, B-9, B-10	
B-11	0.5'	9/18/2019	School Building	Composite B-11, B-12, B-16	D
	2.5'			Composite B-11, B-12, B-16	
B-12	0.5'	9/18/2019	School Building	Composite B-11, B-12, B-16	D
	2.5'			Composite B-11, B-12, B-16	
B-13	0.5'	9/18/2019	School Building	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-13 DUP	0.5'	9/18/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	DUP
B-14	0.5'	9/18/2019	School Building	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-14 DUP	0.5'	9/18/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	DUP
B-15	0.5'	9/18/2019	School Building	Composite B-13, B-14, B-15	D
	2.5'			Composite B-13, B-14, B-15	
B-15 DUP	0.5'	9/18/2019	Duplicate	Composite B-13 DUP, B-14 DUP, B-15 DUP	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Del Mar Heights School Rebuild
Del Mar Union School District
San Diego, California

Sample Number	Depth (feet bgs)	Date	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-16	0.5'	9/18/2019	School Building	Composite B-11, B-12, B-16	D
	2.5'			Composite B-11, B-12, B-16	
B-17	0.5'	9/18/2019	School Building	Composite B-17, B-18, B-19	D
	2.5'			Composite B-17, B-18, B-19	
B-18	0.5'	9/18/2019	School Building	Composite B-17, B-18, B-19	D
	2.5'			Composite B-17, B-18, B-19	
B-19	0.5'	9/18/2019	School Building	Composite B-17, B-18, B-19	D
	2.5'			Composite B-17, B-18, B-19	
B-20	0.5'	9/18/2019	School Building	Composite B-20, B-21, B-22	D
	2.5'			Composite B-20, B-21, B-22	
B-21	0.5'	9/18/2019	School Building	Composite B-20, B-21, B-22	D
	2.5'			Composite B-20, B-21, B-22	
B-22	0.5'	9/18/2019	School Building	Composite B-20, B-21, B-22	D
	2.5'			Composite B-20, B-21, B-22	
B-23	0.5'	9/18/2019	School Building	Composite B-23, B-24	D
	2.5'			Composite B-23, B-24	
B-23 DUP	0.5'	9/18/2019	Duplicate	Composite B-23 DUP, B-24 DUP	DUP
B-24	0.5'	9/18/2019	School Building	Composite B-23, B-24	D
	2.5'			Composite B-23, B-24	
B-24 DUP	0.5'	9/18/2019	Duplicate	Composite B-23 DUP, B-24 DUP	
B-25	0.5'	9/18/2019	School Building	Composite B-25, B-26	D
	2.5'			Composite B-25, B-26	
B-26	0.5'	9/18/2019	School Building	Composite B-25, B-26	D
	2.5'			Composite B-25, B-26	
B-27	0.5'	9/18/2019	School Building	Composite B-27, B-28	D
	2.5'			Composite B-27, B-28	
B-28	0.5'	9/18/2019	School Building	Composite B-27, B-28	D
	2.5'			Composite B-27, B-28	
Total				20 C, 2 C DUP	28 D, 3 DUPs

Note:

OCPs = organochlorine pesticides

D=Discrete; C=Composite; DUP=Duplicate

TABLE 2
SUMMARY TABLE OF ORGANOCHLORINE PESTICIDES IN SOIL
Del Mar Heights School Rebuild
Del Mar Union School District
San Diego, California

			Concentration (milligrams per kilogram [mg/kg])				
Sample Number	Depth (feet bgs)	Sample Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane	Heptachlor Epoxide
Composite B-1, B-2, B-3, B-4	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-5, B-6, B-7	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	0.014	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	0.018	<0.0020
Composite B-8, B-9, B-10	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-11, B-12, B-16	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-13, B-14, B-15	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-13 DUP, B-14 DUP, B-15 DUP	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-17, B-18, B-19	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-20, B-21, B-22	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-23, B-24	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-23 DUP, B-24 DUP	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-25, B-26	0.5'	9/18/2019	<0.0020	<0.0020	<0.0020	<0.010	<0.0020
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Composite B-27, B-28	0.5'	9/18/2019	0.0048	0.0085	<0.0020	0.078	0.0051
	2.5'		<0.0020	<0.0020	<0.0020	<0.010	<0.0020
Maximum Concentration Detected			0.0048	0.0085	ND	0.078	0.0051
EPA Region 9 RSLs (May 2019)			1.9	2	1.9	1.7	0.07
EPA Region 9 RSLs for 2:1 Composite			0.95	1	0.95	0.85	0.035
EPA Region 9 RSLs for 3:1 Composite			0.63	0.67	0.63	0.57	0.023
EPA Region 9 RSLs for 4:1 Composite			0.48	0.50	0.48	0.43	0.018
DTSC SLs (April 2019)			1.9	2	1.90	1.7	0.07
DTSC SLs for 2:1 Composite			0.95	1.00	0.95	0.85	0.04
DTSC SLs for 3:1 Composite			0.63	0.67	0.63	0.57	0.02
DTSC SLs for 4:1 Composite			0.48	0.5	0.475	0.43	0.018

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
Del Mar Heights School Rebuild
Del Mar Union School District
San Diego, California

Concentration (milligrams per kilogram [mg/kg])			
Sample Number	Sample Depth	Sample Date	Lead
B-1	0.5'	9/18/2019	3.1
B-2	0.5'	9/18/2019	2.97
B-3	0.5'	9/18/2019	3.63
B-4	0.5'	9/18/2019	6.75
B-5	0.5'	9/18/2019	3.41
B-6	0.5'	9/18/2019	2.91
B-7	0.5'	9/18/2019	7.62
B-8	0.5'	9/18/2019	5.72
B-9	0.5'	9/18/2019	8.97
B-10	0.5'	9/18/2019	2.36
B-11	0.5'	9/18/2019	1.82
B-12	0.5'	9/18/2019	3
B-13	0.5'	9/18/2019	3.24
B-13 DUP	0.5'	9/18/2019	3.01
B-14	0.5'	9/18/2019	3.74
B-14 DUP	0.5'	9/18/2019	2.92
B-15	0.5'	9/18/2019	3.61
B-16	0.5'	9/18/2019	1.9
B-17	0.5'	9/18/2019	1.61
B-18	0.5'	9/18/2019	2.3
B-19	0.5'	9/18/2019	1.97
B-20	0.5'	9/18/2019	2.69
B-21	0.5'	9/18/2019	2.25
B-22	0.5'	9/18/2019	3.82
B-23	0.5'	9/18/2019	2.92
B-23 DUP	0.5'	9/18/2019	2.15
B-24	0.5'	9/18/2019	2.39
B-25	0.5'	9/18/2019	5.82
B-26	0.5'	9/18/2019	2.83
B-27	0.5'	9/18/2019	3.59
B-28	0.5'	9/18/2019	8.2
Number of Samples			31.0
Number of Detects			31.0
Maximum			9.0
Minimum			1.6
Arithmetic Mean			3.6
Standard Deviation			2.0
tn-1 (0.05)			1.7
95% UCL			4.2
DTSC SLs			80

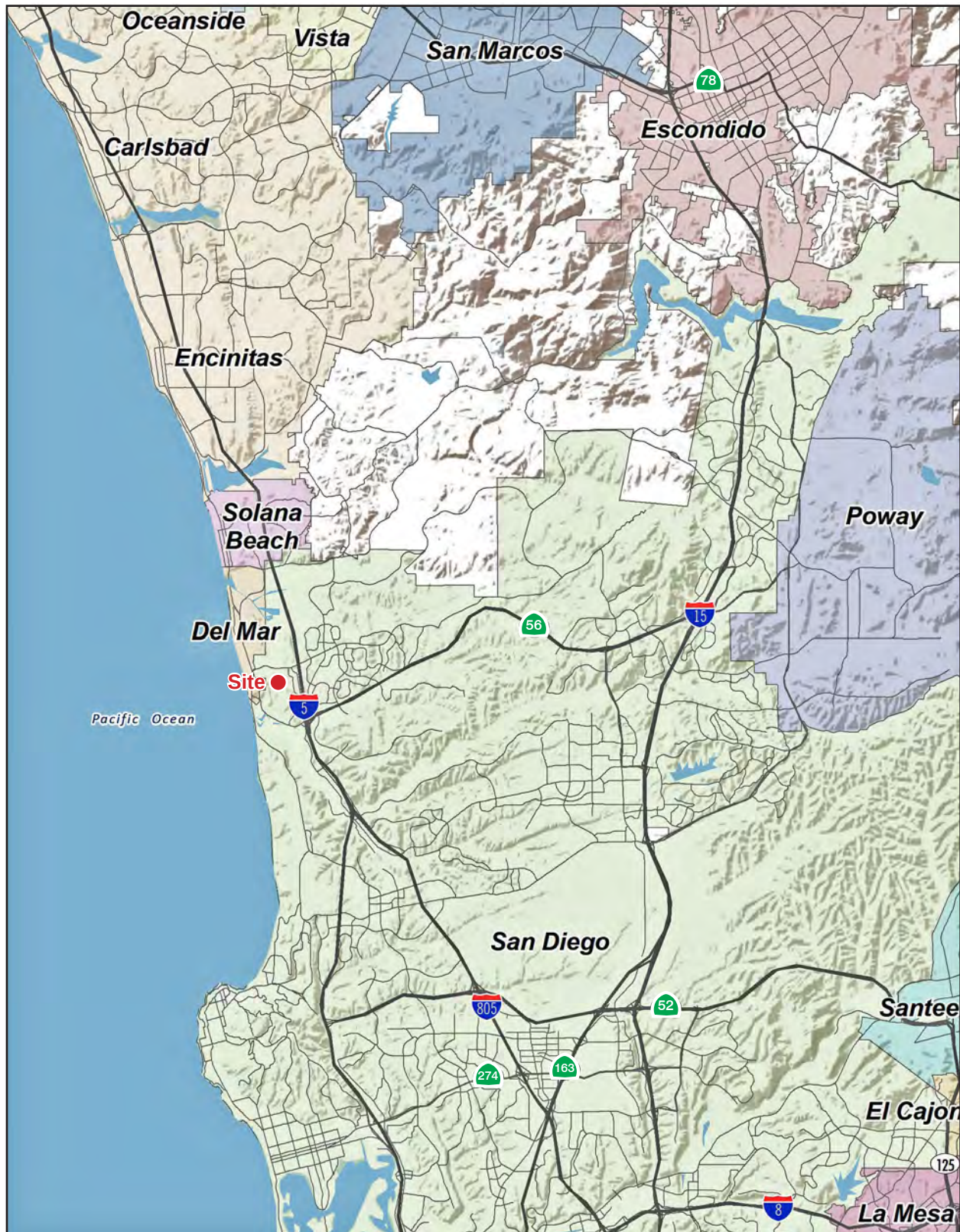
Notes:

< - 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



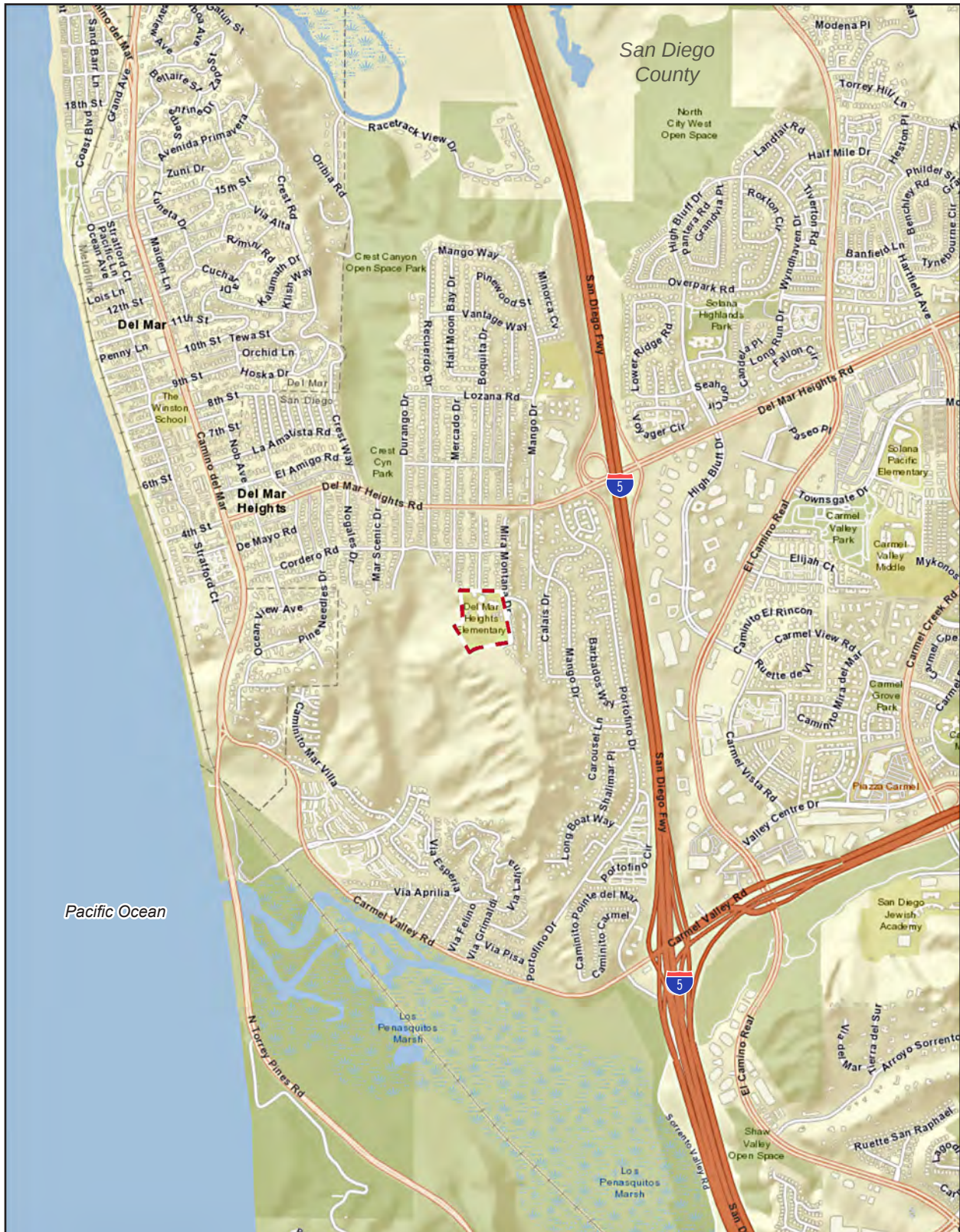
Note: Unincorporated county areas are shown in white.
Source: ESRI, 2019

0 3
Scale (Miles)



PlaceWorks

Figure 2 - Local Vicinity



--- Project Boundary

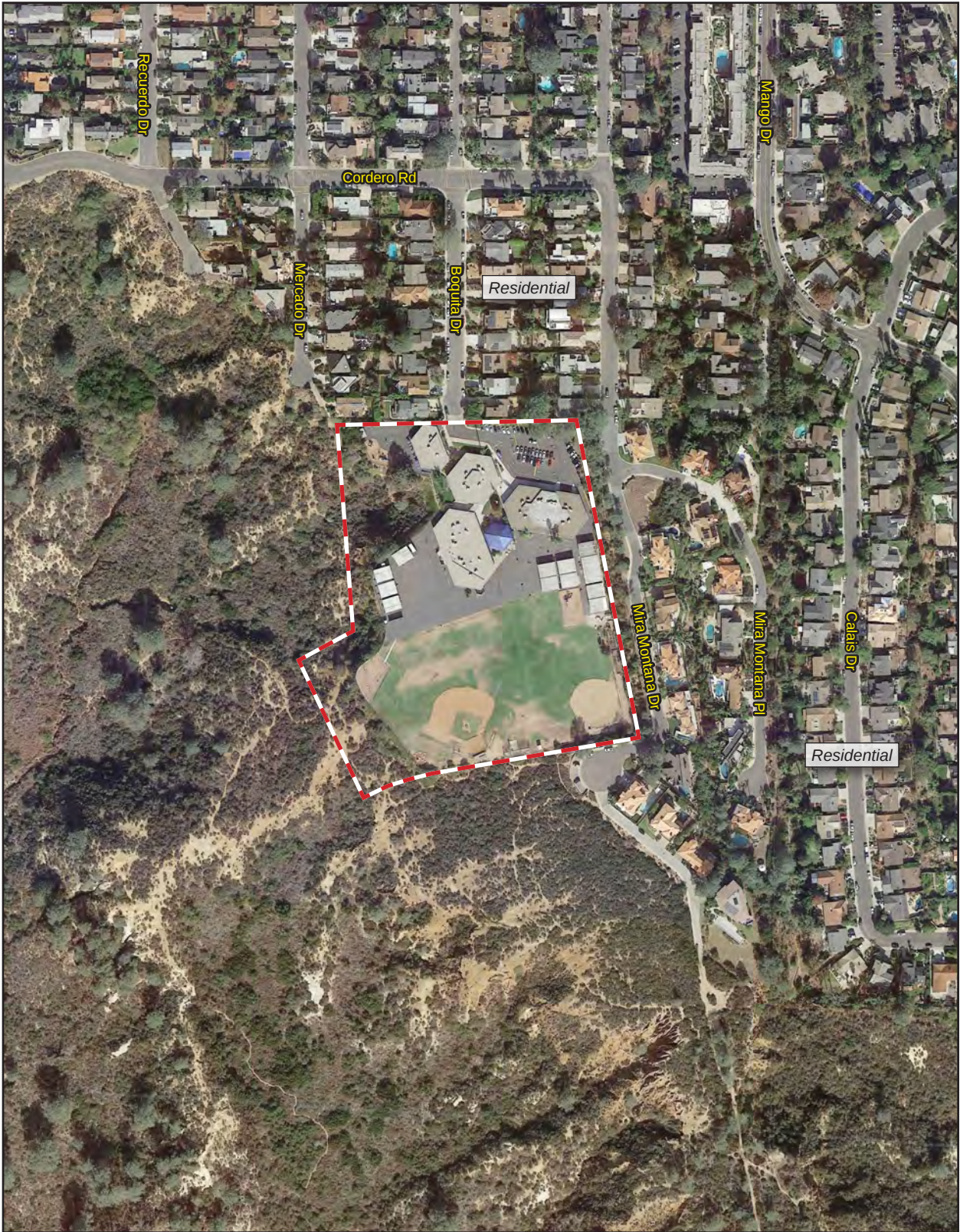
0 2,000
Scale (Feet)



Source: ESRI, 2019

PlaceWorks

Figure 3 - Aerial Photograph



--- Project Boundary

0 350
Scale (Feet)



Source: Google Earth Pro, 2019

Figure 4 - Sampling Locations
1. Introduction



Appendix A. Laboratory Reports

Appendix

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CASE NARRATIVE

Authorized Signature Name / Title (print)

Ken Zheng, President

Signature / Date

 Ken Zheng, President
09/27/2019 18:04:57

Laboratory Job No. (Certificate of Analysis No.)

1909-00150

Project Name / No.

DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA DMSD-02.0

Dates Sampled (from/to)

09/18/19 To 09/18/19

Dates Received (from/to)

09/19/19 To 09/19/19

Dates Reported (from/to)

09/27/19 To 9/27/2019

Chains of Custody Received

Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-27, B-28@0.5	4,4'-DDD	0.0048		mg/Kg	0.0020	B-27, B-28@0.5	4,4'-DDE	0.0085		mg/Kg	0.0020
B-27, B-28@0.5	Chlordane	0.078		mg/Kg	0.010	B-27, B-28@0.5	Heptachlor Epoxide	0.0051		mg/Kg	0.0020
B-5,B-6,B-7@0.5'	Chlordane	0.014		mg/Kg	0.010	B-5,B-6,B-7@2.5'	Chlordane	0.018		mg/Kg	0.010



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Permit Number	
Customer P.O.	DMSD-02.0

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DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 B-27@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 13:47
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.59		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 002 B-28@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 14:04
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	8.20		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 003 B-24@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 14:18
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.39		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 004 B-23@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 14:33
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.92		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 005 B-23 DUP@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 14:34
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.15		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 006 B-17@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 14:50
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	1.61		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 B-18@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 14:58	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.30		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 008 B-19@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 15:09	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	1.97		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 009 B-20@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 15:25	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.69		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 010 B-21@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 15:38	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.25		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 011 B-22@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 15:50	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.82		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 012 B-15@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19 @ 16:07	
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.61		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 B-26@0.5'					Date & Time Sampled:		09/18/19	@ 16:21
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.83		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 014 B-25@0.5'					Date & Time Sampled:		09/18/19	@ 16:37
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	5.82		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 015 B-12@0.5'					Date & Time Sampled:		09/18/19	@ 17:03
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.00		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 016 B-11@0.5'					Date & Time Sampled:		09/18/19	@ 17:20
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	1.82		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 017 B-6@0.5'					Date & Time Sampled:		09/18/19	@ 17:32
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.91		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 018 B-2@0.5'					Date & Time Sampled:		09/18/19	@ 17:46
Sample Matrix: Soil								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.97		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

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Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 B-5@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:05
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.41		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 020 B-1@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:10
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.10		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 021 B-3@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:16
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.63		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 022 B-4@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:20
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	6.75		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 023 B-7@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:24
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	7.62		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 024 B-8@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:33
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	5.72		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

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Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 B-10@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:39
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.36		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 026 B-9@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:45
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	8.97		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 027 B-13@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:53
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.24		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 028 B-13 DUP@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:54
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.01		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 029 B-14@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:58
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	3.74		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB
Sample: 030 B-14 DUP@0.5' Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 18:59
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		09/20/19	TLB
Lead	2.92		mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

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 ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 031 EB091819						Date & Time Sampled:	09/18/19	@ 19:10
Sample Matrix: Aqueous								
[Metals]								
Metals Acid Digestion	Complete			EPA 3010A	1.0		09/20/19	TLB
Lead	<0.0100		mg/L	EPA 200.7	1.0	0.0100	09/20/19	TLB
[Pesticides]								
Sep Funnel LLE	Complete			EPA 3510C	1.0		09/23/19	JEN
Aldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
alpha-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
beta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
delta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
gamma-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Chlordane	<0.50		µg/L	EPA 8081A	1.0	0.50	09/24/19	JEN
4,4'-DDD	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
4,4'-DDE	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
4,4'-DDT	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Dieldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Endosulfan I	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Endosulfan II	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Endosulfan Sulfate	<0.10		µg/L	EPA 8081A	1.0	0.10	09/24/19	JEN
Endrin	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Endrin Aldehyde	<0.10		µg/L	EPA 8081A	1.0	0.10	09/24/19	JEN
Endrin Ketone	<0.50		µg/L	EPA 8081A	1.0	0.50	09/24/19	JEN
Heptachlor	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Heptachlor Epoxide	<0.050		µg/L	EPA 8081A	1.0	0.050	09/24/19	JEN
Methoxychlor	<0.50		µg/L	EPA 8081A	1.0	0.50	09/24/19	JEN
Toxaphene	<0.50		µg/L	EPA 8081A	1.0	0.50	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	105		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 032 **B-27, B-28@0.5**
 Sample Matrix: **Soil**

Date & Time Sampled: 09/18/19 @ 13:47

[Pesticides]



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1909-00150

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Customer P.O. DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 032 B-27, B-28@0.5					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	0.078		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	0.0048		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	0.0085		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	0.0051		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	92		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	101		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 033 **B-27,B-28@2.5'**

Date & Time Sampled: 09/18/19 @ 13:47

Sample Matrix: **Soil**

[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN



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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 033 B-27,B-28@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	88		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	105		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 034 B-23,B-24@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 034 B-23,B-24@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	86		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 035 B-23,B-24 DUP@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 035 B-23,B-24 DUP@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	88		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 036 B-23,B-24@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 036 B-23,B-24@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	83		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	97		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 037 B-17,B-18,B-19@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN



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CERTIFICATE OF ANALYSIS

1909-00150

Date Reported	09/27/19
Date Received	09/19/19
Invoice No.	86928
Cust #	P135
Permit Number	
Customer P.O.	DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 037 B-17,B-18,B-19@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	75		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 038 B-17,B-18,B-19@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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CERTIFICATE OF ANALYSIS

1909-00150

Date Reported 09/27/19
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Cust # P135
Permit Number
Customer P.O. DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 038 B-17,B-18,B-19@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	96		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 039 B-20,B-21,B-22@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 039 B-20,B-21,B-22@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	87		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 040 B-20,B-21,B-22@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	87		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	100		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
----------	--------	------	-------	--------	----	----	------	------

Sample: 041 **B-25,B-26@0.5'**

Sample Matrix: **Soil**

Date & Time Sampled: 09/18/19 @ 13:47

[Pesticides]

Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN

[Surrogates]

Tetrachloro-m-xylene	77		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 042 **B-25,B-26@2.5'**

Sample Matrix: **Soil**

Date & Time Sampled: 09/18/19 @ 13:47

[Pesticides]

Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN



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Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 042 B-25,B-26@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	102		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	119		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 043 B-11,B-12,B-16@0.5'								
Sample Matrix: Soil					Date & Time Sampled:		09/18/19	@ 13:47
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN



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ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 043 B-11,B-12,B-16@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	81		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	87		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 044 B-11,B-12,B-16@2.5'					Date & Time Sampled:		09/18/19	@	13:47
Sample Matrix: Soil									
[Pesticides]									
Ultrasonic Extraction	Complete		EPA 3550	1.0		09/23/19	JEN		
Aldrin	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		
alpha-BHC	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		
beta-BHC	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		
delta-BHC	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		
gamma-BHC	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		
Chlordane	<0.010	mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN		
4,4'-DDD	<0.0020	mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN		



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CERTIFICATE OF ANALYSIS

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 044 B-11,B-12,B-16@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	97		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	114		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 045 B-5,B-6,B-7@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	0.014		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 045 B-5,B-6,B-7@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	87		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	106		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 046 B-5,B-6,B-7@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	0.018		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 046 B-5,B-6,B-7@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	88		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	111		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 047 B-1,B-2,B-3,B-4@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
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2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 047 B-1,B-2,B-3,B-4@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	97		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	126		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 048 B-1,B-2,B-3,B-4@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN

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2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 048 B-1,B-2,B-3,B-4@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	90		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 049 B-8,B-9,B-10@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	94		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

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CERTIFICATE OF ANALYSIS

1909-00150

Date Reported	09/27/19
Date Received	09/19/19
Invoice No.	86928
Cust #	P135
Permit Number	
Customer P.O.	DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 049 B-8,B-9,B-10@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 050 B-8,B-9,B-10@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	90		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	102		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 051 **B-13,B-14,B-15@0.5'**

Sample Matrix: **Soil**

Date & Time Sampled: 09/18/19 @ 13:47



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CERTIFICATE OF ANALYSIS

1909-00150

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Customer P.O. DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 051 B-13,B-14,B-15@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	77		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	93		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 052 B-13DUP,B-14DUP,B-15DUP@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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1909-00150

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Permit Number
Customer P.O. DMSD-02.0

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 052 B-13DUP,B-14DUP,B-15DUP@0.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	81		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	99		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Sample: 053 B-13,B-14,B-15@2.5'								
Sample Matrix: Soil								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		09/23/19	JEN
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 053 B-13,B-14,B-15@2.5'					Date & Time Sampled:		09/18/19	@ 13:47
Sample Matrix: Soil								
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	09/24/19	JEN
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	09/24/19	JEN
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	09/24/19	JEN
[Surrogates]								
Tetrachloro-m-xylene	84		%REC	EPA 8081A/8082		50-150	09/24/19	JEN
Decachlorobiphenyl	101		%REC	EPA 8081A/8082		50-150	09/24/19	JEN

Sample: 054 **B-16@0.5'**Sample Matrix: **Soil**

Date & Time Sampled: 09/18/19 @ 13:47

[Metals]

Metals Acid Digestion	Complete		EPA 3050B	1.0		09/20/19	TLB
Lead	1.90	mg/Kg	EPA 6010B	1.0	0.500	09/20/19	TLB

Respectfully Submitted:

Ken Zheng - Lab Director



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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

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

1909-00150

Date Reported	09/27/2019
Date Received	09/19/2019
Date Sampled	09/18/2019
Invoice No.	86928
Customer #	P135
Customer P.O.	DMSD-02.0

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Method #		EPA 200.7																					
QC Reference #		84693		Date Analyzed: 9/20/2019										Technician: TLB									
Samples		031																					
Results																				Control Ranges			
				LCS %REC				LCS %DUP				LCS %RPD				LCS %REC				LCS %RPD			
Copper				100				96				4.1				85 - 115				0 - 15			
Iron				95				93				2.2				85 - 115				0 - 15			
Lead				100				96				3.9				85 - 115				0 - 15			

Method #		EPA 6010B																																					
QC Reference #		84688		Date Analyzed: 9/20/2019										Technician: TLB																									
Samples		001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020																		
Results																				Control Ranges																			
				LCS %REC				LCS %DUP				LCS %RPD				SPIKE %REC				SPIKE %DUP				SPIKE %RPD				LCS %REC				LCS %RPD				SPIKE %RPD			
Lead				97				98				0.3				82				86				3.7				75 - 125				0 - 20				0 - 20			

QC Reference #		84691		Date Analyzed: 9/20/2019										Technician: TLB																									
Samples		021	022	023	024	025	026	027	028	029	030	054																											
Results																				Control Ranges																			
				LCS %REC				LCS %DUP				LCS %RPD				SPIKE %REC				SPIKE %DUP				SPIKE %RPD				LCS %REC				LCS %RPD				SPIKE %RPD			
Lead				100				99				0.2				81				82				1.0				75 - 125				0 - 20				0 - 20			

Method #		EPA 8081A																									
QC Reference #		84853		Date Analyzed: 9/24/2019										Technician: JEN													
Samples		032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	051						
Results																				Control Ranges							
				LCS %REC				SPIKE %REC				SPIKE %DUP				SPIKE %RPD				LCS %REC				SPIKE %RPD			
4,4'-DDT				80				70				75				6				50 - 130				0 - 30			
Aldrin				88				89				91				2				50 - 140				0 - 30			
Dieldrin				90				91				93				2				70 - 130				0 - 30			
Endrin				90				95				95				0				70 - 150				0 - 30			
gamma-BHC				80				89				85				4				50 - 150				0 - 30			
Heptachlor				75				85				83				3				50 - 150				0 - 30			
QC Reference #		84855		Date Analyzed: 9/24/2019										Technician: JEN													
Samples		052	053																								



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QUALITY CONTROL DATA REPORT

PLACEWORKS

1909-00150

Date Reported 09/27/2019
 Date Received 09/19/2019
 Date Sampled 09/18/2019

Project: DEL MAR HEIGHTS SCHOOL, SAN DIEGO, CA

Method # EPA 8081A

QC Reference # 84855 Date Analyzed: 9/24/2019 Technician: JEN

Samples 052 053

Results

LCS %REC LCS %DUP LCS %RPD

4,4'-DDT	85	105	20
Aldrin	90	93	3
Dieldrin	100	94	6
Endrin	120	116	4
gamma-BHC	84	86	3
Heptachlor	80	85	5

Control Ranges

LCS %REC	LCS %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

QC Reference # 84859 Date Analyzed: 9/24/2019 Technician: JEN

Samples 031

Results

LCS %REC

4,4'-DDT	150
Aldrin	102
Dieldrin	113
Endrin	200
gamma-BHC	95
Heptachlor	100

Control Ranges

LCS %REC

50 - 130
50 - 140
70 - 130
70 - 150
50 - 150
50 - 150

Method # EPA 8081A/8082

QC Reference # 84853 Date Analyzed: 9/24/2019 Technician: JEN

Samples 032 033 034 035 036 037 038 039 040 041 042 043 044 045 046 047 048 049 050 051

No QC recoveries reported.

QC Reference # 84855 Date Analyzed: 9/24/2019 Technician: JEN

Samples 052 053

No QC recoveries reported.

QC Reference # 84859 Date Analyzed: 9/24/2019 Technician: JEN

Samples 031

No QC recoveries reported.

No method blank results were above reporting limit

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.

ARL

A & R Laboratories

1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #:

1909-150

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Client Name PLACEWORKS						☒ Chilled		Analyses Requested										Turn Around Time Requested	
E-mail DOCCENTIN@PLACEWORKS.COM						☒ 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										☐ Rush 8 12 24 48 Hours ☒ Normal	
Address 2850 JUAN AND EMPIRE BLVD ONTARIO CA 91764						☐ Seal													
Report Attention Denise		Phone # 909989489		Sampled By M. Watson															
Project No./ Name DMJD.02.0		Project Site EL MAR HEIGHTS SCHOOL SAN DIEGO, CA																	
Lab #	Client Sample ID	Sample Collection		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	6010B Lead	Remarks		
1	B-27E0.5'	9/18/19	1347	Soil	ice	1-4oz glass jar					C					X	(32) B-27B-28		
2	B-27E2.5'		1400								C					X	(33) B-27B-28		
	B-28E0.5'		1404								C					X	See B-27E0.5'		
	B-28E2.5'		1407								C					X	See B-27E2.5'		
3	B-24E0.5'		1418								C					X	See B-23E0.5'		
	B-24D-PE0.5'		1419								C					X	See B-23D-PE0.5'		
	B-24E2.5'		1422								C					X	See B-23E2.5'		
4	B-23E0.5'		1433								C					X	(34) B-23B-24E0.5'		
5	B-23D-PE0.5'		1434								C					X	(35) B-23D-PE0.5'		
	B-23E2.5'		1436								C					X	(36) B-23B-24E2.5'		
6	B-17E0.5'		1450								C					X	(37) B-17B-18, B-19E0.5'		
	B-17E2.5'		1453								C					X	(38) B-17B-18, B-19E2.5'		
7	B-18E0.5'		1459								C					X	See B-17E0.5'		
	B-18E2.5'		1501								C					X	See B-17E2.5'		
8	B-19E0.5'		1509								C					X	See B-17E0.5'		
Relinquished By Mark Placeworks		Company PLACEWORKS		Date 9/19/19	Time 0920	Received By [Signature]		Company [Signature]		Date 9/19	Time 1420	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

ARL

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CHAIN OF CUSTODY

A & R Work Order #:

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Client Name PLACWORKS						☒ Chilled		Analyses Requested										Turn Around Time Requested	
E-mail DOCCENDW@PLACWORKS.COM						☒ Intact												☐ Rush 8 12 24 48 Hours ☒ Normal	
Address 2850 INLAND EMPIRE BL #B ONTARIO CA 91764						☐ Seal													
Report Attention Denise		Phone # 909 989 1149		Sampled By W. Watson															
Project No./ Name DMJD D20		Project Site DEL MAR HEIGHT SCHOOL SAN DIEGO, CA																	
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	C=computer Remarks			
	B-19e2.5'	9/18/19	1512	soil	ice	acetate stave					C								
9	B-20e0.5'		1525								C				X		(39) B-20, B-21, 1-22, 20.5'		
	B-20e2.5'		1527								C						(40) B-20, B-21, B-22, 2.5'		
10	B-21e0.5'		1538								C				X		see B-20e0.5'		
	B-21e2.5'		1541								C						see B-20e2.5'		
11	B-22e0.5'		1550								C				X		see B-20e0.5'		
	B-22e2.5'		1558								C						see B-20e2.5'		
12	B-15e0.5'		1607								C				X		see B-13e0.5'		
	B-15e0.5'		1608								C						see B-13e0.5'		
	B-15e2.5'		1610								C						see B-13e2.5'		
13	B-26e0.5'		1621								C				X		see B-25e0.5'		
	B-26e2.5'		1625								C						see B-25e2.5'		
14	B-25e0.5'		1637								C				X		(41) B-25, B-26, 2.5'		
	B-25e2.5'		1640								C						(42) B-25, B-26, 2.5'		
15	B-12e0.5'	✓	1703	✓							C				X		see B-11e0.5'		
Relinquished By AMND PLACWORKS		Date 9/19/19		Time 0920		Received By AMND		Date 9/19		Time 0920		Note: Samples are discarded 30 days after results are reported unless other arrangements are made.							
Relinquished By		Date		Time		Received By		Date		Time									

Matrix Code:

DW=Drinking Water
GW=Ground Water
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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 #:

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Client Name PLACEWORKS				☒ Chilled		Analyses Requested										Turn Around Time Requested	
E-mail DELLENING@PLACEWORKS.COM				☒ Intact												☐ Rush 8 12 24 48 Hours	
Address 288 INLAND ONTARIO BLVD B ONTARIO CA 91764				☐ Seal												☒ Normal	
Report Attention Demise		Phone # 909 989 4819		Sampled By M. Watson													
Project No./ Name DMSD-02.0		Project Site DEL MAR HEIGHTS SCHOOL SAN DIEGO, CA															
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	Remarks	
	B-12@2.5'	9/18/19	1706	Soil	ice	acetate sleeve					C						C=compare, X=discarte
16	B-11@0.5'	1720	1700								C					X	See B-11@2.5'
	B-11@2.5'		1723								C						See B-11@2.5'
17	B-6@0.5'		1732								C					X	See B-5@0.5'
	B-6@2.5'		1735								C						See B-5@2.5'
18	B-2@0.5'		1746								C					X	See B-1@0.5'
	B-2@2.5'		1749								C						See B-1@2.5'
19	B-5@0.5'		1805			1-4 oz glass jar					C					X	See B-5, B-6, B-7@0.5'
	B-5@2.5'		1807								C						See B-5, B-6, B-7@2.5'
20	B-1@0.5'		1810								C					X	See B-1, B-2, B-3, B-4@0.5'
	B-1@2.5'		1812								C						See B-1, B-2, B-3, B-4@2.5'
21	B-3@0.5'		1816								C					X	See B-1@0.5'
	B-3@2.5'		1818								C						See B-1@2.5'
22	B-4@0.5'		1820								C					X	See B-1@0.5'
	B-4@2.5'		1822								C						See B-1@2.5'
Relinquished By Andrew Placeworks		Company Placeworks		Date 9/19/19	Time 0920	Received By Gu	Company ce		Date 9/19	Time 0920	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

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V=VOA Vial

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CHAIN OF CUSTODY

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Client Name							Analyses Requested										Turn Around Time Requested				
E-mail							☒ Chilled													☐ Rush 8 12 24 48 Hours	
Address							☒ Intact														
Report Attention		Phone #		Sampled By			☐ Seal														☒ Normal
Project No./Name		Fax: #		Project Site																	
Lab # (Lab use)	Client Sample ID	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 Count, Coliform, E-Coli	C=Comps, Remarks					
23	B-7e0.5'	9/18/19	1824	Soil	ice	1-4oz glass jar										X	See B-5e				
	B-7e2.5'		1830														See B-5e				
24	B-8e0.5'		1833													X	(4) B-8, B-9, B-				
	B-8e2.5'		1835														(5) B-8, B-9, B-				
25	B-10e0.5'		1839													X	See B-8 e				
	B-10e2.5'		1841														See B-8 e				
26	B-9e0.5'		1845													X	See B-8 e				
	B-9e2.5'		1848														See B-8 e				
27	B-13e0.5'		1853													X	(6) 3-13, B-14, B-				
28	B-13Dupe0.5'		1854													X	(7) 3-13, B-14, B-				
	B-13e2.5'		1856														(8) 3-13, B-14, B-				
29	B-14e0.5'		1858													X	See B-13e				
30	B-14Dupe0.5'		1859													X	See B-13e				
	B-14e2.5'		1902														See B-13e				
31	EB091819	✓	1910	aqueous	ice	amber plastic					X					X					

Relinquished By: [Signature] Company: PLACWORKS Date: 9/19/19 Time: 0920

Received By: [Signature] Company: [Blank] Date: 9/19 Time: 920

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=Tedlar Air Bag
G=Glass Container
ST= Steel Tube

B= Brass Tube
P=Plastic Bottle
V=VOA Vial

E= EnCore

[illegible]

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

$$\begin{array}{l} \text{IC=Ice}^+ \\ \text{HC=HCl} \\ \text{HN=HNO}_3 \end{array}$$
$$\begin{aligned} \text{SH} &= \text{NaOH} \\ \text{ST} &= \text{Na}_2\text{S}_2\text{O}_3 \\ \text{HS} &= \text{H}_2\text{SO}_4 \end{aligned}$$

* Sample Container Types:

T=Tedlar Air Bag
G=Glass Container
ST= Steel Tube

B= Brass Tube
P=Plastic Bottle
V=VOA Vial

E= EnCore



Sample Acceptance Checklist

CLIENT: PlaceworksWORK ORDER NUMBER: 1909-150**Temperature:** (Criteria: 0.0°C-6.0°C)Sample Temp. (w/CF) °C(w/CF) 5.0°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: Date: 9/19/19

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> : The Del Mar Union School District is proposing to redevelop the existing Del Mar Heights School at 13555 Boquita Drive, San Diego, CA. The District requested the preparation of a Phase I Environmental Site Assessment (ESA) as part of its due diligence responsibilities for the proposed project.
2. <u>Property address(es) and Assessor Parcel Number(s) (APN)</u> : The project site is located at 13555 Boquita Drive. APN for the project site is 301-0500-700.
3. <u>Current property owner (name, address, telephone number)</u> : The District currently owns the property.
4. <u>Current property development/improvements</u> : The site is developed with the existing school.
5. <u>Date(s) of current property development/improvements</u> : The site appears to have been vacant undeveloped land until 1966 ¹⁹⁵⁹ when the school appears to occupy the project site.
6. <u>Past property use, development/improvements</u> : No identified land uses prior to 1966 ¹⁹⁵⁹ .
7. <u>Neighboring property uses</u> : Currently, there are residential properties to the north, east, and south of the project site. Immediately west of the project site is open space associated with the Torrey Pines State Natural Reserve Extension.

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 ☒
2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes ☐ No ☒
3. Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes ☐ No ☒
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 *property*?
 - (b) do you know of spills or other chemical releases that have taken place at the *property*?
 - (c) do you know of any environmental cleanups that have taken place at the *property*?
5. Based on your knowledge and experience related to the *property*, are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? Yes ☐ No ☒
6. If a property transaction is occurring in conjunction with this environmental assessment, does the purchase price of this *property* reasonably reflect the fair market value of the *property*? If you 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 *property*? Yes ☐ No ☒ N/A
7. Are you aware of any past or present above ground or underground storage tanks on the *property*? To your knowledge, has there ever been any hazardous substances or wastes stored on the *property*? Yes ☐ No ☒

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): Chris Delehanty

Signature: 

Date: 8/29/19

Appendix F. Qualifications



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

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- » 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.