



Appendix F. Phase I Environmental Site Assessment and Shallow Soil Sampling



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**Phase I Environmental Site Assessment
and Shallow Soil Sampling**



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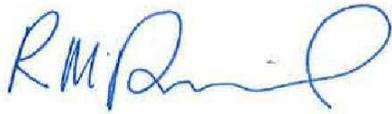
Project No.: 185803532

October 13, 2015

Sign-off Sheet and Signatures of Environmental Professionals

This document entitled Phase I Environmental Site Assessment and Shallow Soil Sampling was prepared by Stantec Consulting Services Inc. (Stantec) for New Urban West, Inc. The material in it reflects Stantec's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Stantec accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.



Author _____
(signature)

Ryan McDaniel
Staff Geologist

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



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Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
CWA	Clean Water Act
ELUC	Environmental Land Use Control
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
HWMU	Hazardous Waste Management Unit
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
pVEC	Potential Vapor Encroachment Condition
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

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SUMMARY

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1.0 SUMMARY

Stantec has completed a Phase I Environmental Site Assessment (ESA) for the Marja Acres which is comprised of two parcels of land located southeast of the intersection of El Camino Real and Kelly Drive, City of Carlsbad, County of San Diego, California (the "Property"), on behalf of New Urban West, Inc. (the "Client"). The work was performed in accordance with the Master Services Agreement between New Urban West, Inc. and Stantec (the "MSA"). New Urban West, Inc. (the "User") has been designated as the User of this report.

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13 and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM practice are described in Section 2.3. In addition, to address the issues identified during the course of the Phase I Environmental Site Assessment activities (discussed below), Stantec collected shallow soil samples to determine whether the identified conditions in fact represented a Recognized Environmental Condition pursuant to ASTM E 1527-13.

The Property consists of approximately 20 acres of land developed with a palm tree farm, pottery store, multi-tenant retail building with a restaurant, multiple out-buildings used for storage of pesticides and hazardous materials, and a single-family home. Surrounding properties are primarily residential. A graded lot under residential construction is present to the north beyond El Camino Real. A property location map is illustrated on Figure 1. A property plan illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

A portion of the Property is currently used as a nursery. The Property and adjacent land have been historically used for agricultural purposes since circa 1953. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. Stantec identified this agricultural use as a recognized environmental condition (REC) to the Site.

In order to determine whether the agricultural use of the Property in fact represented a REC, Stantec conducted a Phase II ESA at the Site. That Phase II ESA involved the collection of shallow soil samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead. On September 23, 2015, Stantec personnel advanced twenty (20) borings at the Property using a hand auger. The locations of the borings are shown on Figure 2. No staining or odors were observed in any of the boreholes. Soil samples collected at a depth of 0.5-1 foot below ground surface (bgs) from the borings were submitted to a certified analytical laboratory for analysis of organochlorine pesticides by EPA Method 8081A and total arsenic and lead by EPA Method 6010B.

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4,4-dichlorodiphenyldichloroethylene (4,4-DDE) was detected above laboratory reporting limits in four of the twenty soil samples with concentrations ranges between 0.0065 and 0.027 milligrams per kilogram (mg/kg). 4,4- dichlorodiphenyltrichloroethane (4,4-DDT) was detected in two of the twenty soil samples (HA-3-1 and HA-5-1) with concentrations of 0.037 and 0.0057mg/kg. Chlordane was detected in one soil sample (HA-5-1) at a concentration of 0.082 mg/kg. None of the detections, however, were above the United States Regional Screening Levels (RSLs) for residential uses. Cumulative concentrations of organochlorine pesticides compounds were reported at a maximum of 0.146 mg/kg in HA-5-1. Therefore, cumulative concentrations of the combined 4,4-DDT, 4,4-DDE, and 4,4-DDD pesticides compounds are below the California hazardous waste level of 1.0 mg/kg, therefore not considered a potential hazardous waste.

Arsenic was reported above residential RSLs in all 17 of the 20 shallow soil samples collected at concentrations ranging from 3.0 to 7.2 mg/kg (mean As = 4.2 mg/kg). Arsenic occurs naturally in California at levels exceeding the RSL of 0.68 mg/kg. As compared in Table 1, the reported concentrations are within the range of naturally-occurring expected background levels for arsenic in California. Lead was reported in all 20 shallow soil samples at concentrations ranging from 3.1 mg/kg to 34 mg/kg (mean Pb = 8.1 mg/kg) and well below the residential RSL of 400 mg/kg and within the naturally occurring background level of 12.4 to 91.7 mg/kg.

Based on the above results, Stantec concludes that the agricultural use of the Property does not represent a REC or a human health risk in light of the contemplated residential use of the Site.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E-1527-05 (and Final Rule 40 CFR Part 312 et seq.) with respect to the Property. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property. No further investigation appears to be warranted at this time.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

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INTRODUCTION
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2.0 INTRODUCTION

The objective of this Phase I ESA was to perform appropriate inquiry into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13. The purpose of this Phase I ESA was to identify adverse environmental conditions including recognized environmental conditions ("RECs") of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions ("HRECs"), and controlled recognized environmental conditions ("CRECs") that may exist at a property. The term "recognized environmental conditions" means 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.

ASTM defines a "HREC" as a REC that has occurred in connection with the property, but has been addressed to the satisfaction of the applicable regulatory authority and meets 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). Before calling the past release a HREC, the environmental professional must determine whether the past release is a REC when the current Phase I ESA is conducted (for example, if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a "CREC" as a REC 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), but 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).

De minimis conditions are not RECs. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. As indicated, the term REC does not include *de minimis* conditions, which generally do not present a material risk to human health

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and would not likely be subject to enforcement action if brought to the attention of governmental agencies.

This ESA was conducted in accordance with ASTM E 1527-13. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform any independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this ESA Report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

- (1) Information that is publicly available;
- (2) Information that is obtainable from its source within reasonable time and cost constraints;
and
- (3) Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property consists of approximately 20 acres of land developed with a palm tree farm, pottery store, multi-tenant retail building with a restaurant, multiple out-buildings used for storage of pesticides and hazardous materials, and a single-family home. Surrounding properties are primarily residential. A graded lot under residential construction is present to the north beyond El Camino Real. A property location map is illustrated on Figure 1. A property plan illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with the Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness



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of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. (40 CFR 312.20(f)(2) requires that the Environmental Professional evaluate the thoroughness and reliability of provided information.) Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

If a service is not expressly indicated, do not assume it has been provided. If a matter is not addressed, do not assume that any determination has been made by Stantec in regards to it.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by the client identified herein for any variation or extension of this project, any other project or any other purpose.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

Project Specific limiting conditions are provided in Section 2.2.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures must be confirmed by the client and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the site conditions encountered by Stantec at the time the work. Accordingly, additional studies and actions may be required. As the purpose of this report is to identify selected site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment. The findings, observations, and conclusions expressed by Stantec in this report are not an opinion

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concerning the compliance of any past or present owner or operator of the site which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of Federal, state, provincial or local governmental agencies. Issues raised by the report should be reviewed by client legal counsel.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA, the MSA shall control.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP).

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USER-PROVIDED INFORMATION
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3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of "All Appropriate Inquiries" into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or *de minimis* conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire	Yes	The completed user questionnaire was provided and included in Appendix D.
Environmental Liens or Activity Use Limitations	Yes	The user provided an amended preliminary title report for the Property dated June 11, 2015. No environmental liens or activity use limitations were identified within the title report. Multiple conditional use permits, Hillside Development Permits, Special Use Permits, and Coastal Development Permits were issued by the City of Carlsbad between 1972 and 2011 for multiple Property assessor parcel numbers.
Previous Environmental Permits or Reports Provided by User	No.	No previous reports or permits for the Property were provided by the user.
Purpose of the Phase I ESA	Yes	Due diligence.

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RECORDS REVIEW
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4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area, in order to evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the Property's first developed use. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections.

Topography:	The Property is approximately 101 feet above mean sea level (amsl) and is generally flat with a regional gradient to the south (EDR, 2015).
Soil/Bedrock Data:	The vicinity of the Property is underlain with quaternary alluvium to a thickness of 175 feet and consists of sand, gravel, clay, and silt (DWR, 2004).
Estimated Depth to Groundwater/ Estimated Direction of Gradient:	According to the First Quarter 2014 Semiannual Groundwater Monitoring Report for the Chevron Service Station located at 970 Tamarack Avenue approximately 1.5 miles to the west, depth to groundwater ranges between 20.99 and 26.50 feet below ground surface (bgs) with a groundwater flow direction to the south-southwest.
<i>Note: Site-specific groundwater direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.</i>	

4.1.1 Property Topography and Surface Water Flow

The Site is at an elevation of approximately 101 feet amsl. The regional topographic gradient is to the south (EDR, 2015). Surface runoff is expected to follow topography towards the south.

4.1.2 Regional and Property Geology

The Property is located in San Diego County. The area is located within the Peninsular Ranges Geomorphic Province, which includes northwest-southeast trending mountain ranges and valleys that have been developed by the San Andreas Fault system (California Geological Survey [CGS], 2002). The stratigraphy underlying the Property consists of metamorphosed and

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unmetamorphosed volcanic and sedimentary Mesozoic rock, overlain by recent-age alluvium (CDMG, 1962).

4.1.3 Regional and Property Hydrogeology

The Property is located within the Los Monos Hydrologic Subarea (HAS 904.31) OF THE Agua Hedionda Hydrologic Area of the Carlsbad Hydrologic Unit (HU 904.00) within the San Diego Region of the State of California Regional Water Quality Control Board Hydrologic Basin Planning Area (SA 9.00). The Agua Hedionda Lagoon is located approximately one mile to the southwest.

According to the First Quarter 2014 Semiannual Groundwater Monitoring Report for the Chevron Service Station located at 970 Tamarack Avenue approximately 1.5 miles to the west, depth to groundwater ranges between 20.99 and 26.50 feet below ground surface (bgs) with a groundwater flow direction to the south-southwest.

4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources, Inc. (EDR), a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix B.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in Section 5.

4.2.1 Listings for Property

The Property was listed as San Diego Specialty and Habitat Restoration in the San Diego Co. HMMD, EDR US Hist Cleaners, and PEST LIC environmental databases. According to the seller of the Property, a dry cleaner was in the process of negotiating a potential lease but never occupied the Property. Given there is no additional information provided by EDR and there are no records at the City of Carlsbad building Department, the listing for the EDR US Hist Cleaners is considered unlikely to represent an environmental concern to the Property.

The listings for the Property in the San Diego Co. HMMD and PEST LIC environmental databases are regarding the handling of regulated hazardous materials (including pesticides). No additional information or notices of violations were provided by EDR. A portion of the Property is currently occupied by a palm tree farm and has pesticide storage on the southern portion. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. In order to determine whether the agricultural use of the Property in fact represented a REC, Stantec collected shallow soil samples for laboratory analysis

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of organochlorine pesticides, arsenic, and total lead. A summary and results of this investigation are provided in Section 7.0.

4.2.2 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions to pose a REC, CREC, or HREC for the Property.

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impact to the Property. The basis for why each of the following listed databases does or does not create a REC for the property is also provided.

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Rancho Costera 4980 El Camino Real Carlsbad, California	SLIC	Adjacent to the north beyond El Camino Real	No
This 201-acre facility is listed in the Voluntary Assistance Program (VAP) for the proposed redevelopment of the land into single-family, multi-family, commercial and open space. According to the Property Mitigation Plan (PMP) dated October 10, 2011, the facility was used between circa 1928 and 2011 for agricultural use (tomatoes, beans, squash, strawberries, flowers, etc). Shallow soil sampling (upper 6-inches below grade) was performed on the facility and identified concentrations of toxaphene above the California Human Health Screening Level of 460 micrograms per kilogram (ug/kg). The maximum detected concentration of toxaphene was 2,000 ug/kg. Other pesticides were detected on the facility but were below the residential CHHSLs. Given the contaminants of concern are pesticides, the Rancho Costera facility is considered unlikely to represent an environmental concern to the Property.			

The remaining listings in the database search report provided in Appendix C do not constitute a REC for the Property.

4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

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4.3.1 Local Health Department

Agency Name Contact Information	Finding
San Diego County Department of Environmental Health (SDCDEH) 5500 Overland Avenue #170 San Diego, CA 92123 (619) 338-2222 Date of Contact: 9/29/2015	Stantec submitted a request to SDCDEH regarding files for the Property. There were two records for the Property: a Hazardous Materials Business Plan Certificate Statement for the Property dated January 25, 2008 for San Diego Specialty Produce; and Hazardous Materials Questionnaire for T Mobile dated August 16, 2012 for the storage of less than 24 gallons of hazardous substances. No additional records were available for the Property

4.3.2 Regional Water Quality Control Board

Agency Name Contact Information	Finding
Regional Water Quality Control Board (RWQCB) – San Diego Region 2375 Northside Drive, Suite 100 San Diego, CA 92108 (619) 516-1990 http://geotracker.waterboards.ca.gov/ Date of Contact: 9/30/2015	Stantec submitted a request to RWQCB regarding files for the Property. According to agency correspondence, no records are available for the Property.

4.3.3 Local Building and/or Planning Department Records

Agency Name, Contact Information	Findings
City of Carlsbad Building Department 1200 Carlsbad Village Drive Carlsbad, California 92008 (760) 434-2808 Date of Contact: 10/8/2015	Stantec reviewed available records for the Property at the City of Carlsbad Building Department. The grease trap was noted to have been relocated in 1996; however, no notices of violation or records of environmental significance were found.

4.4 HISTORICAL RECORDS REVIEW

4.4.1 Land Title Records/Deeds

Stantec was provided with a preliminary title report for the Property from New Urban West, Inc. prepared by First American Title Company dated July 21, 2015. A copy of the title report is provided in Appendix D. No environmental liens were identified during review of the title.



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4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

Year	Scale	Observations, Property and Adjoining Properties
1939 1946	1" = 500'	The Property and surrounding area appear to be vacant land. El Camino Real appears adjacent to the north. A dirt road appears adjacent to the west.
1953	1" = 500'	The Property appears to be developed with agricultural use and greenhouses in the western portion. Additional agricultural use appears north beyond El Camino Real.
1964	1" = 500'	Additional greenhouses and agricultural development appear on the Property. Two commercial structures appear on the Property along El Camino Real and another structure appears on the southwestern portion adjacent to the greenhouses.
1970	1" = 500'	The Property appears similar to the previous aerial photograph. Residential structures appear to the west along Kelly Drive. Additional structures and dirt roads appear to the east.
1979	1" = 500'	The greenhouses no longer appear on the Property. An increase in residential structures appears to the west and south. A large agricultural area appears to the north beyond El Camino Real.
1985	1" = 500'	The Property and surrounding area appear similar to the previous aerial photograph. A mobile home park appears adjacent to the northeast.
1990 1994	1" = 500'	The Property and surrounding area appear similar to the previous aerial photograph. An increase of agricultural use appears in the south central portion of the Property.
2005 2009 2010 2012	1" = 500'	The Property and surrounding area appear similar to the previous aerial photograph. The palm tree farm appears in the northwestern corner of the Property.
2010 2012	1" = 500'	The Property and surrounding area appear similar to the previous aerial photograph. The agricultural land appears to be not cultivated.

EDR, 2015

A portion of the Property is currently used as a nursery. The Property and adjacent land have been historically used for agricultural purposes since circa 1953. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. In order to determine whether the agricultural use of the Property in fact represented a Recognized Environmental Condition (REC), Stantec collected shallow soil

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

RECORDS REVIEW
October 13, 2015

samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead. Results of this investigation are provided in Section 7.0.

Copies of the historical aerial photographs are located in Appendix C.

4.4.3 City Directories

Stantec reviewed the historical city directory abstract provided by EDR. City directories were available from 1903 until 2013.

The following is a summary of Stantec's review of the city directory listings:

Subject/Adjoining Property	Year	Listed Occupants
Property	2013	Bobby's Hideaway Café; Buffalo Brother Guitars; Country Wine & Liquor; Helen's Country Hairdresser; Hortnesias Flowers; and James Hood Guitar Repair
Property	2008; 2006; and 2000	Bobby's Hideaway Café; Buffalo Brother Guitars; Country Wine & Liquor; Helen's Country Hairdresser; Oasis Nursery and Palms, Inc; Ryberg Babi
Property	1995;1991; 1980; and 1976	Trumans Meats
Property	1995	Café Florence
Property	1985	Carlsbad Travel Service and various residents
Property	1980	A Country Store Liquors; Carlsbad Travel Service; County Store Dell International; Helens County Hairdresser; Mar Ja Acres Country Store; Olson Farms Inc.
Property	1970	Hoffman Jay; Hoffman Marja; and Marja Acres
Property	1965	Hoffman J; and Marja Acres eggs whsle
4915 El Camino Real – Adjacent to the East	2013; 2006; 2000; and 2008	Carrillo Pottery / Wholesale Pottery
4915 El Camino Real – Adjacent to the East	2008; 2006; 2000; and 1980	Hortnesias Flowers / Flowerland Country Nursery

Name of city directories and source: EDR, 2015

Addresses for the surrounding area were listed primarily as residential properties. No RECs were identified in the city directories. A copy of the complete City Directory Abstract is provided in Appendix C.

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4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.

Stantec requested fire insurance maps from EDR; however, there is no coverage for the Property. The Sanborn® Map Search Report is presented in Appendix C.

4.4.5 Historical Topographic Maps

Stantec reviewed historical USGS 7.5-Minute Topographic Maps of the Property vicinity to help identify past Property usage and areas of potential environmental concern.

Stantec identified no additional RECs based on its review of the topographic maps. Copies of the historical maps are provided in Appendix C. The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations, Property and Adjoining Properties
1893 1901 1904	1:62,500 1:125,000 1:250,000	The Property and surrounding area appears to be undeveloped; however, given the scale, no Property detail is visible. The Aqua Hedonda Creek and marsh area appear to the south. Buena Vista Creek appears to the north. Cerro de la Calavera appears to the east. The City of Carlsbad appears to the west.
1947 1949	1:50,000 1:24,000	No Property detail is visible. El Camino Real appears to the north. Urban development appears to the northwest.
1968	1:24,000	The Property appears to be developed with four greenhouse type structures and one residential structure in the southwestern portion. Two additional structures appear along El Camino Real. Residential development appears adjacent to the west.
1975	1:24,000	The greenhouse structures are no longer present on the Property. The rest of the Property and surrounding area appears similar to the previous topographic map.
1997	1:24,000	Roads appear on the western portion of the Property. Three small structures and one large structure also appear on the Property. Laguna Rivera Park appears to the south.

USGS via EDR, 2015

4.4.6 Other Historical Sources

Stantec did not review any additional historical sources for the Property.

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PROPERTY RECONNAISSANCE
October 13, 2015

5.0 PROPERTY RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Mr. Ryan McDaniel, Staff Geologist with Stantec, on September 23, 2015. Access to the Property was provided by Mr. Jason Han with New Urban West, Inc. Mr. Han coordinated access to the Property with the Property Owners, Mr. Michael and Marja Dawn Selna. Stantec was accompanied by Mr. Michael Selna during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of the shallow soil samples. Photographs collected during the Property visit are included in Appendix A.

5.1 PROPERTY RECONNAISSANCE METHODOLOGY

The Property reconnaissance focused on observation of current conditions and observable indications of past uses and conditions that may indicate the presence of RECs. The Property reconnaissance was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.
- Traverse the periphery of all structures on the Property.
- Visually observe accessible interior areas expected to be used by occupants or the public, maintenance and repair areas, utility areas, and a representative sample of occupied spaces.

Weather conditions during the visit to the Property were clear and sunny. There were no weather related property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The Property located on the southeast corner of Kelly Drive and El Camino Real in the city of Carlsbad, California. Surrounding properties are primarily residential. A graded lot under residential construction is present to the north beyond El Camino Real.
Property Operations.	The Property is currently occupied with a palm tree farm, a pottery store, a multi-tenant retail building with a restaurant, multiple out-buildings used for storage of pesticides and hazardous materials, and a single-family home.
Structures, Roads, Other Improvements:	A dirt road is present in the western portion of the Property. A multi-tenant retail building and a small pottery store are present along El Camino Real. A residential structure is present in the western portion of the Property.
Property Size (acres):	Approximately 20-acres



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PROPERTY RECONNAISSANCE

October 13, 2015

Estimated % of Property Covered by Buildings and/or Pavement:	20%
Observed Current Property Use/Operations:	Retail, residential, and nursery.
Observed Evidence of Past Property Use(s):	Agricultural.
Sewage Disposal Method (and age):	The residential structure has a septic tank. Multi-tenant retail building is connected to the city sewer system.
Potable Water Source:	City of Carlsbad.
Electric Utility:	SDG&E

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	A brick storage building was observed that contained less than 5-gallon containers of paint. A shipping container was observed that contained pesticides, seeds, and tools used by the Palm Tree Farm.
Drums (≥ 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None detected.
Pools of Liquid:	None observed.
Unidentified Substance Containers:	None observed.
PCB-Containing Equipment:	Pole mounted transformers were observed along El Camino Real. Given no indication of leaks or staining were observed, Stantec does not consider these pole mounted transformers to represent an environmental condition to the Property.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. In order to determine whether the agricultural use of the Property in fact represented a REC, Stantec collected shallow soil samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead. A summary and results of this investigation are provided in Section 7.0.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

PROPERTY RECONNAISSANCE
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5.4 INTERIOR OBSERVATIONS

Stantec made the following observations during the Property reconnaissance of the building interiors at the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
Heating/Cooling Method:	None observed but assumed roof mounted HVAC.
Surface Stains or Corrosion:	None observed.
Floor Drains and Sumps:	None observed.
Other Interior Observations:	The restaurant in the multi-tenant retail building along El Camino Real has a grease trap. Assuming the grease trap is properly maintained it is unlikely to represent an environmental condition to the Property. However, Stantec recommends the grease trap is cleaned-out and removed according to applicable regulations prior to site development activities.

5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the Property reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-Property Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	None observed.
Solid Waste Disposal:	No areas indicative of solid waste disposal were observed.
Potential Areas of Fill Placement:	No mounds, piles or depressions suggesting the placement of old fill material were observed on the Property.
Wastewater:	No exterior wastewater discharge was observed.
Stormwater:	There is currently no storm water system in place at the Property. Storm water is anticipated to be absorbed into the ground.
Wells:	No wells were observed.
Septic Systems:	The residential structure has a septic tank associated with it. Although the septic tank does not represent a REC, it should be cleaned-out and reported in accordance with applicable regulatory requirements prior to site redevelopment activities.
Other Exterior Observations:	Three cell towers and three cell tower buildings were observed in the central portion of the Property.

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PROPERTY RECONNAISSANCE
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5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the Property reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of USTs, was discovered during this Phase I ESA
Other Underground Structures:	None observed.

5.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of ASTs was discovered during this Phase I ESA
Former ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

5.8 ADJOINING PROPERTIES

5.8.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:

NORTH	A graded lot in the process of residential development.
SOUTH	Residential.
EAST	Commercial and residential development
WEST	Residential development

Refer to Figure 2.

5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH	None observed.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

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PROPERTY RECONNAISSANCE

October 13, 2015

5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
SOUTH	None observed.
EAST	None observed.
WEST	None observed.

5.9 OBSERVED PHYSICAL SETTING

Topography of the Property and Surrounding Area:	The Property is approximately 101 feet above mean sea level (amsl) and is generally flat with a regional gradient to the south (EDR, 2015).
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INTERVIEWS
October 13, 2015

6.0 INTERVIEWS

Stantec conducted interviews with the following individuals:

Name and contact information	Relationship to Property	Key findings:
Michael & Marja Dawn Selna 6284 Forester Dr. Huntington Beach, CA 92648 Home: 714-374-5686 Marja's Cell: 714-742-5683 Michael's cell: 714-742-1201	Property Owner	Mr. Michael Selna stated his wife's family has lived on the Property since 1951. Tenant improvements were made to the retail building within the last five years including asbestos abatement on one wall. There are no wells on the Property.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

SHALLOW SOIL SAMPLING

October 13, 2015

7.0 SHALLOW SOIL SAMPLING

The Phase I ESA identified that a portion of the Property is currently used as a nursery. The Property and adjacent land have been historically used for agricultural purposes since circa 1953. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. In order to determine whether the agricultural use of the Property in fact represented a REC, Stantec collected shallow soil samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead.

7.1 SOIL SAMPLING

The scope of the Phase II ESA included the advanced twenty (20) borings at the Property using a hand auger to a depth of approximately one foot bgs. The locations of the borings are shown on Figure 2. Upon advancement of the auger to the desired depth, the auger was withdrawn from the boring, and the contents of the auger bucket were discharged into a clean 8-ounce glass jars provided by the laboratory, and sealed with a threaded Teflon lined lid. The soil samples were submitted to TestAmerica, a certified analytical laboratory for analysis of organochlorine pesticides by EPA Method 8081A and total arsenic and lead by EPA Method 6010B.

All soil sample containers were sealed tightly and labeled with appropriate identification information (boring number, sample depth, sample collection date, and sample collection time). The samples were then logged on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory. Copies of the laboratory report and chain-of-custody forms are included as Appendix A.

7.2 ANALYTICAL RESULTS

The laboratory test results are discussed below. Laboratory test results are summarized in Table 1. The complete laboratory analytical test results are presented on the laboratory data sheets attached as Appendix A.

7.2.1 Soil Samples

4,4-dichlorodiphenyldichloroethylene (4,4-DDE) was detected above laboratory reporting limits in four of the twenty soil samples with concentrations ranges between 0.0065 and 0.027 milligrams per kilogram (mg/kg). 4,4- dichlorodiphenyltrichloroethane (4,4-DDT) was detected in two of the twenty soil samples (HA-3-1 and HA-5-1) with concentrations of 0.037 and 0.0057mg/kg. Chlordane was detected in one soil sample (HA-5-1) at a concentration of 0.082 mg/kg. None of the detections, however, were above the United States Regional Screening Levels (RSLs) for residential uses. Cumulative concentrations of organochlorine pesticides compounds were reported at a maximum of 0.146 mg/kg in HA-5-1. Therefore, cumulative concentrations of the combined 4,4-DDT, 4,4-DDE, and 4,4-DDD pesticides compounds are below the California hazardous waste level of 1.0 mg/kg, therefore not considered a potential hazardous waste.

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SHALLOW SOIL SAMPLING

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Arsenic was reported above residential RSLs in all 17 of the 20 shallow soil samples collected at concentrations ranging from 3.0 to 7.2 mg/kg (mean As = 4.2 mg/kg). Arsenic occurs naturally in California at levels exceeding the RSL of 0.68 mg/kg. As compared in Table 1, the reported concentrations are within the range of naturally-occurring expected background levels for arsenic in California. Lead was reported in all 20 shallow soil samples at concentrations ranging from 3.1 mg/kg to 34 mg/kg (mean Pb = 8.1 mg/kg) and well below the residential RSL of 400 mg/kg and within the naturally occurring background level of 12.4 to 91.7 mg/kg.

Based on the above results, Stantec concludes that the agricultural use of the Property does not represent a REC or a human health risk in light of the contemplated residential use of the Site.

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POTENTIAL FOR VAPOR ENCROACHMENT

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8.0 POTENTIAL FOR VAPOR ENCROACHMENT

Additionally, consideration of the migration of hazardous substances and petroleum products in all phases including solid, liquid, or vapor is required by the ASTM E1527-13 standard. As stated in Section 2.1 of ASTM E1527-13:

Vapor migration must be considered no differently than contaminated groundwater migration in the Phase I investigation. While E2600-10 provides an industry consensus methodology to assess vapor migration, use of E2600-10 methodology is not required to achieve compliance with AAI – an EP may use alternative methodology as deemed appropriate, but this must be documented in the Phase I report (i.e., it must be “capable of being reconstructed by an EP other than the EP responsible for the Phase I”).

As presented below, analysis of the potential for on-site or off-site releases to have affected the Property via migration through soil, groundwater or soil vapor was performed with consideration given to media affected, distance from the Site, remedial actions taken, type of contaminants, subsurface conditions, location of the source relative to groundwater gradient, and with the benefit of the results of the Phase II subsurface investigation performed at the Property by Stantec.

Based on the site inspection, review of adjacent properties, and available environmental records, the likelihood for vapor intrusion at the Site is considered low based on the following:

- No releases are reported for adjacent sites or sites within a quarter mile up-gradient relative to groundwater flow;
- No indication of manufacturing operations or use of hazardous materials was identified for neighboring properties;
- No evidence of potential operations that would impact soil vapor was identified for the Site; and
- Although evidence of agricultural use was identified, pesticides and associated chemicals do not pose a vapor intrusion risk.

Therefore, Stantec recommends no investigation of soil vapor at the Property.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

EVALUATION
October 13, 2015

9.0 EVALUATION

This section provides a summary overview of or Findings, Opinions, and Conclusions.

9.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data review, and a property inspection was evaluated to determine if RECs are present in connection with the Property. Based on this information, Stantec made the following findings and developed the following opinions.

Finding 1: An environmental records search was performed and identified a site within their respective ASTM E 1527-13 search radii of the Property that may represent RECs, HRECs, or *de minimis* conditions.

Opinion 1: Based on one or more of the following reasons: distance from the Property, position of sites with respect to assumed groundwater flow direction, the native soils, and regulatory status, none of the sites identified in the in the environmental records search report are expected to affect soil or groundwater quality at the Property. The environmental records search identified no RECs, HRECs or *de minimis* conditions at or near the Property.

Finding 2: The Property and surrounding area were used for agricultural purposes. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides.

Opinion 2: In order to determine whether the historical agricultural use of the Property in fact represented a REC, Stantec collected shallow soil samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead. Based on the results presented in this report, Stantec concludes that the agricultural use of the Property does not represent a recognized environmental condition or a human health risk in light of the contemplated residential use of the Site.

9.2 DATA GAPS

The federal AAI rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions From Scope of Work Referenced in Section 1.4:	None



PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

EVALUATION
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Gap	Discussion
Weather-Related Restrictions To Property Reconnaissance:	None
Facility Access Restrictions to Property Reconnaissance:	No access restrictions were encountered during the Property visit.
Other Property Reconnaissance Restrictions:	None
Data Gaps From Environmental Records Review:	None
Data Gaps From Historical Records Review:	None
Data Gaps From Interviews:	None
Other Data Gaps:	None

9.3 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E-1527-05 (and Final Rule 40 CFR Part 312 et seq.) with respect to the Property. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property. No further investigation appears to be warranted at this time.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

NON-SCOPE CONSIDERATIONS

October 13, 2015

10.0 NON-SCOPE CONSIDERATIONS

No ASTM E1527-13 non-scope services were performed as part of this Phase I ESA with the following exceptions:

10.1 LEAD-BASED PAINT

Concern for lead-based paint (LBP) is primarily related to residential structures. The EPA's Final Rule on Disclosure of Lead-Based Paint in Housing (40 CFR Part 745) defines LBP as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or 0.5 percent by weight.

The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

The age of the dwelling as follows: maximum risk is from paint applied before 1950.

There is severe risk from paint applied before 1960.

There is moderate risk from deteriorated paint applied before 1970.

There is slight risk from the paint that is intact but applied before 1977.

The condition of the painted surfaces.

The presence of children and certain types of households in the building.

Previously reported cases of lead poisoning in the building or area.

Due to the age of the structures (constructed circa 1950), LBP is likely to be present at the Property. Stantec recommends that LBP be removed from the Property in accordance with all applicable laws prior to any activities with the potential to disturb painted surfaces.

10.2 ASBESTOS

Asbestos can be found in many applications, including sprayed-on or blanket-type insulation, pipe wraps, mastics, floor and ceiling tiles, wallboard, mortar, roofing materials, and a variety of other materials commonly used in construction. The greatest asbestos-related human health risks are associated with friable asbestos, which is an Asbestos Containing Material (ACM) that can be reduced to powder by hand pressure. Friable asbestos can become airborne and be inhaled, and has been associated with specific types of respiratory disease. The manufacturing and use of asbestos in most building products was curtailed during the late 1970s.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

NON-SCOPE CONSIDERATIONS

October 13, 2015

Stantec makes no warranty as to the possible existence or absence of inaccessible materials or to their evaluation with respect to asbestos content. Samples of suspect ACM should be collected for laboratory analysis of asbestos prior to any renovation or building demolition, in order to determine the need for compliance with EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations.

Given the age of the existing building on the Property (circa 1950s), the presence of ACM is considered likely. Stantec recommends conducting a comprehensive, pre-demolition ACM survey in accordance with the sampling protocol of the Asbestos Hazard Emergency Response Act (AHERA) prior to any activities with the potential to disturb building materials to determine whether ACM are present. Further, in the event ACM is detected, Stantec recommends proper removal and disposal of the materials identified prior to any activities with the potential to disturb them.

10.3 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA (<http://www.epa.gov/radon/zonemap.html>) on average indoor radon concentrations in the vicinity of the Property.

Zip Code 92008	San Diego County
EPA Radon Zones (w/Average Measured Indoor Radon concentrations)	
100% below 4 pCi/L	Zone 3 – low (<2 pCi/L); average first floor concentration 0.400 pCi/L
Normally-occupied sub grade areas (i.e. basement apartments, offices, stores, etc.)?	
No subgrade areas are present at the Property.	

The Property is located in Zone 3 and is considered to have low potential for radon. Stantec concludes that radon is unlikely to represent an environmental concern to the Property and recommends no further investigation regarding this issue.



PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

NON-SCOPE CONSIDERATIONS

October 13, 2015

10.4 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 100-year or 500-year flood plain. Stantec also searched the FEMA flood plain map service at www.msc.fema.gov and the Property is not located in a flood plain.

10.5 PESTICIDES

Review of historical aerial photographs and site observations shows the Property and surrounding area were used for agricultural purposes. Use for agricultural purposes can be a potential concern due to the possible use of pesticides and heavy metals-containing herbicides. In order to determine whether the historical agricultural use of the Property in fact represented a REC, Stantec collected shallow soil samples for laboratory analysis of organochlorine pesticides, arsenic, and total lead.

Based on the results presented in this report, Stantec concludes that the agricultural use of the Property does not represent a recognized environmental condition or a human health risk in light of the contemplated residential use of the Property.

10.6 DRY-CLEANING OPERATIONS

No dry-cleaning operations were reported or observed at or near the Property. The historical review indicated "Plaza Laundry" was located in the multi-tenant retail building on the Property in 2004; however, according to the Property Owners the lease agreement did not materialize and the dry-cleaner never occupied the space. Stantec searched City of Carlsbad building department records and found no mention of a dry cleaner located on the Property.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

REFERENCES

October 13, 2015

11.0 REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Property Assessments: Phase 1 Environmental Property Assessment Process, Designation: E 1527-13, November 2013.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOG), 2015, website <http://www.consrv.ca.gov/dog/maps>

Environmental Data Resources, Inc. (EDR), EDR Radius Map with Geocheck, Inquiry Number 4410798.2s, dated September 15, 2015.

_____, Certified Sanborn Map Report, Inquiry Number 44410798.3, dated October 8, 2015.

_____, Historical Topographic Map Report, Inquiry Number 4410798.4, dated October 8,, 2015.

_____, Aerial Photo Decade Package, Inquiry Number 4410798.9, dated September 15, 2015.

_____, City Directory Abstract, Inquiry Number 4410798.5, dated October 8,, 2015.

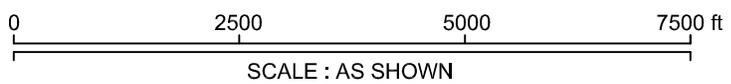
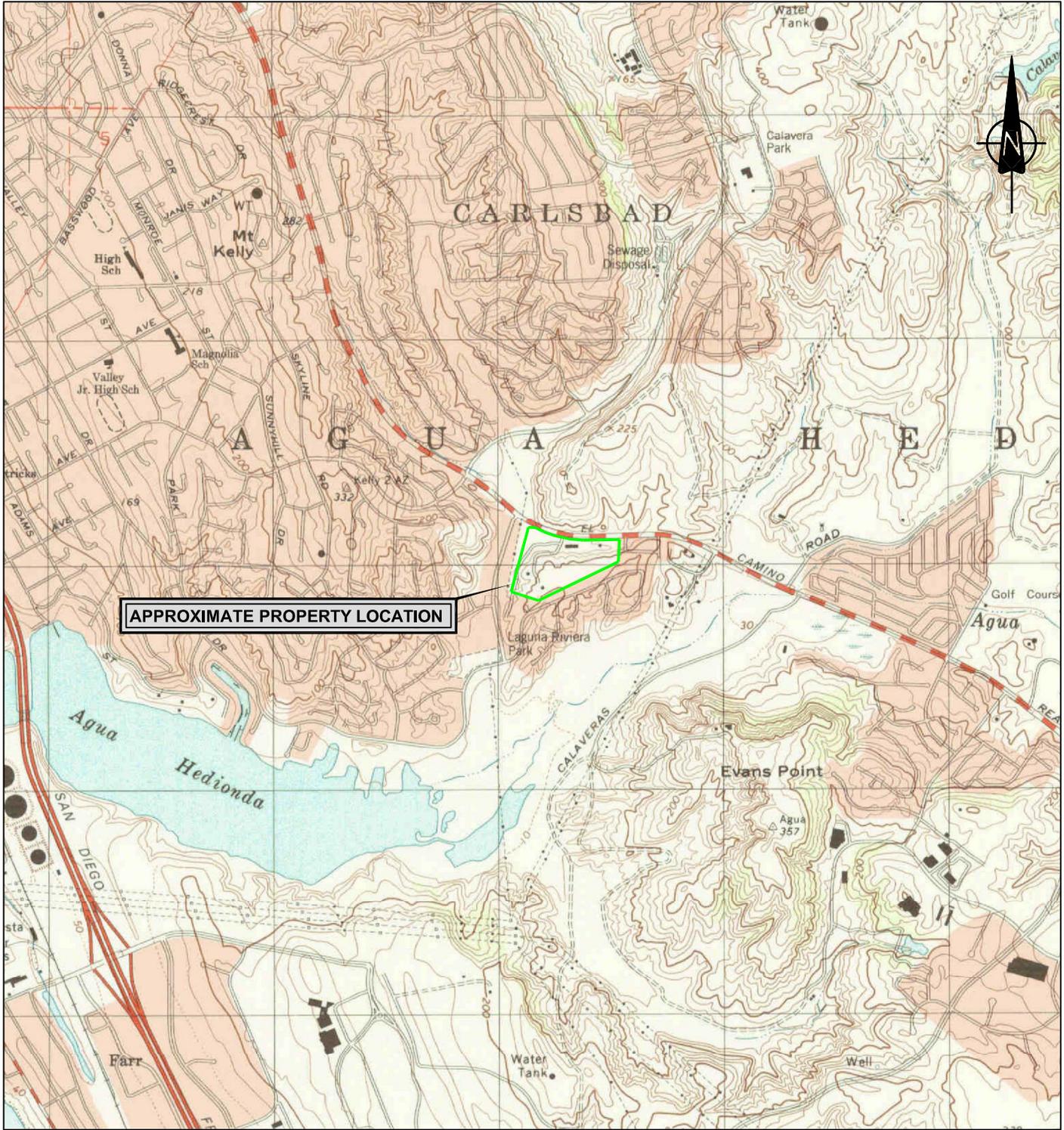
State Water Resources Control Board (SWRCB), 2015, Geotracker website, <http://geotracker.swrcb.ca.gov/>.

United States Geological Survey (USGS), 1997, San Luis Rey Quadrangle, 7.5 Minute Topographic Map, Scale 1 inch = 2,400 feet.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix A
October 13, 2015

FIGURES



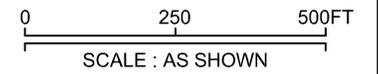
NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC SERVICES INC. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

PROPERTY LOCATION MAP PHASE I ENVIRONMENTAL SITE ASSESSMENT 4901 EL CAMINO REAL, CARLSBAD, CA	Project No.: 185803532	Fig. No.: 1	
	Scale: AS SHOWN		
Client: NEW URBAN WEST, INC.	Date: 15/10/09		
	Dwn. By: CD DM SC2015100003		
	App'd By: KE		



LEGEND

- SHALLOW SOIL SAMPLE LOCATIONS



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

<p>PROPERTY PLAN</p> <p>PHASE I ENVIRONMENTAL SITE ASSESSMENT</p> <p>4901 EL CAMINO REAL, CARLSBAD, CA</p>		<p>Project No.: 185803532</p> <hr/> <p>Scale: AS SHOWN</p> <hr/> <p>Date: 15/10/09</p> <hr/> <p>Dwn. By: CD <small>DM</small> <small>SC2015090004</small></p> <hr/> <p>App'd By: KE</p>	<p>Fig. No.:</p> <p style="font-size: 2em;">2</p>	
<p>Client: NEW URBAN WEST, INC.</p>				

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix A
October 13, 2015

TABLES

Table 1
Summary of Soil Analytical Results - Arsenic, Lead, and Pesticides
El Camino Real and Kelly Drive
Carlsbad, California
Stantec Project No.: 185803532

Sample ID ⁽¹⁾	Sampling Date	Sampling Depth ⁽²⁾	EPA Method 6010B		EPA Method 8081A								
			Arsenic	Lead	Chlordane	Dieldrin	4,4'-DDD	4,4'-DDE	4,4'-DDT	Heptachlor	Toxaphene	Others Pesticides	
USEPA RESIDENTIAL RSLs (mg/kg)			0.68	400	1.8	0.033	2.2	1.6	1.9	0.12	0.48	varies	
California Background Levels Range			0.6-11.0	12.4-97.1	--	--	--	--	--	--	--	--	
Samples													
HA-1-1	9/23/2015	1	<3.0	4.2	<0.097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097	<0.390	ND
HA-2-1	9/23/2015	1	<3.0	3.1	<0.050	<0.0050	<0.0050	0.026	<0.0050	<0.0050	<0.0050	<0.200	ND
HA-3-1	9/23/2015	1	<3.0	8.0	<0.050	<0.0050	<0.0050	0.0065	0.0057	<0.0050	<0.0050	<0.200	ND
HA-4-1	9/23/2015	1	4.0	34	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.200	ND
HA-5-1	9/23/2015	1	6.3	7.3	0.082	<0.0050	<0.0050	0.027	0.037	<0.0050	<0.0050	<0.200	ND
HA-6-1	9/23/2015	1	7.2	7.1	<0.050	<0.0050	<0.0050	0.0072	<0.0050	<0.0050	<0.0050	<0.200	ND
HA-7-1	9/23/2015	1	3.1	4.8	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.200	ND
HA-8-1	9/23/2015	1	3.6	4.8	<0.096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	ND
HA-9-1	9/23/2015	1	3.2	4.7	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND
HA-10-1	9/23/2015	1	3.6	6.1	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND
HA-11-1	9/23/2015	1	3.1	5.3	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND
HA-12-1	9/23/2015	1	3.1	6.6	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND
HA-13-1	9/23/2015	1	3.4	5.8	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	ND
HA-14-1	9/23/2015	1	4.8	6.8	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	ND
HA-15-1	9/23/2015	1	3.0	6.2	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	ND
HA-16-1	9/23/2015	1	4.5	7.6	<0.100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	ND
HA-17-1	9/23/2015	1	5.4	7.1	<0.099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	<0.0099	ND
HA-18-1	9/23/2015	1	4.0	6.7	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	ND
HA-19-1	9/23/2015	1	5.0	11	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	ND
HA-20-1	9/23/2015	1	3.7	14	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	ND

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Sampling depth is reported as feet below ground surface

Concentrations reported in milligrams per kilogram (mg/kg)

< - Indicates the concentration was not detected above the laboratory method detection limit.

USEPA RSLs - United States Environmental Protection Agency Regional Screening Levels for Residential Soils- June 2015

ND - Non-Detected above laboratory method detection limits

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix A
October 13, 2015

Appendix A

PHOTOGRAPHS OF THE PROPERTY AND VICINITY

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 1



View of the Property from the street.

Photograph No. 2



View of the palm farm on the western end of the property.

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 3



View of the residence near the center of the Property.

Photograph No. 4



View of the grease trap behind the restaurant.

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 5



View of pole mounted transformers in front of the shops.

Photograph No. 6



View of pole mounted transformers in front of the shops.

Photograph No. 7

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015



View of pole mounted transformers in front of the shops.

Photograph No. 8



View of light ballasts inside the retail building.

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 9



View of the power source for the cell towers.

Photograph No. 10



View of the eastern pesticide storage.

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 11



View of the western pesticide storage.

Photograph No. 12



View of the chemical storage at the palm farm.

**STANTEC CONSULTING INCORPORATED
PHOTOGRAPHIC RECORD**

Client: New Urban West

Job Number: 185803532

Site Name: Agricultural Land and Shops

Location: Carlsbad, CA

Photographer: Ryan McDaniel

Date: September 23, 2015

Photograph No. 13



View of the hazardous material storage area for the guitar repair center.

Photograph No. 14



View of one of the cell towers and pad mounted electrical equipment.

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix B
October 13, 2015

Appendix B

ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

New Urban West-Carlsbad

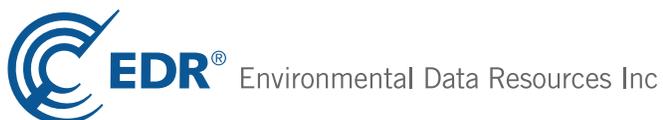
4901 EL CAMINO REAL

Carlsbad, CA 92008

Inquiry Number: 4410798.2s

September 15, 2015

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4901 EL CAMINO REAL
CARLSBAD, CA 92008

COORDINATES

Latitude (North): 33.1503000 - 33° 9' 1.08"
Longitude (West): 117.3080000 - 117° 18' 28.80"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 471276.1
UTM Y (Meters): 3667800.0
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641318 SAN LUIS REY, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120519
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 4901 EL CAMINO REAL
 CARLSBAD, CA 92008

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SAN DIEGO SPECIALTY	4901 EL CAMINO REAL	San Diego Co. HMMD		TP
A2		4901 EL CAMINO REAL	EDR US Hist Cleaners		TP
A3	HABITAT RESTORATION	4901 EL CAMINO REAL	PEST LIC		TP
4	VALDIVIA FARM	4915 EL CAMINO REAL	AST	Lower	66, 0.013, NE
5	RANCHO COSTERA	0 TAMARACK/EL CAMINO	SLIC	Lower	936, 0.177, NNW

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
SAN DIEGO SPECIALTY 4901 EL CAMINO REAL CARLSBAD, CA 92008	San Diego Co. HMMD Facility ID: 199286 Facility ID: 199089	N/A
4901 EL CAMINO REAL 4901 EL CAMINO REAL CARLSBAD, CA 92008	EDR US Hist Cleaners	N/A
HABITAT RESTORATION 4901 EL CAMINO REAL CARLSBAD, CA 92008	PEST LIC	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
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

RCRA-SQG..... RCRA - Small Quantity Generators

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

Federal institutional controls / engineering controls registries

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 - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

SAN DIEGO CO. SAM..... Environmental Case Listing

LUST..... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

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

EXECUTIVE SUMMARY

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
ODI.....	Open Dump Inventory
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	National Clandestine Laboratory Register
HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	Clandestine Drug Labs

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
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
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
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
HAZNET.....	Facility and Manifest Data
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations

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.

EXECUTIVE SUMMARY

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 leaking storage tank lists

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/15/2015 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANCHO COSTERA Facility Status: Open - Site Assessment Global Id: T10000002941	0 TAMARACK/EL CAMINO	NNW 1/8 - 1/4 (0.177 mi.)	5	9

State and tribal registered storage tank lists

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

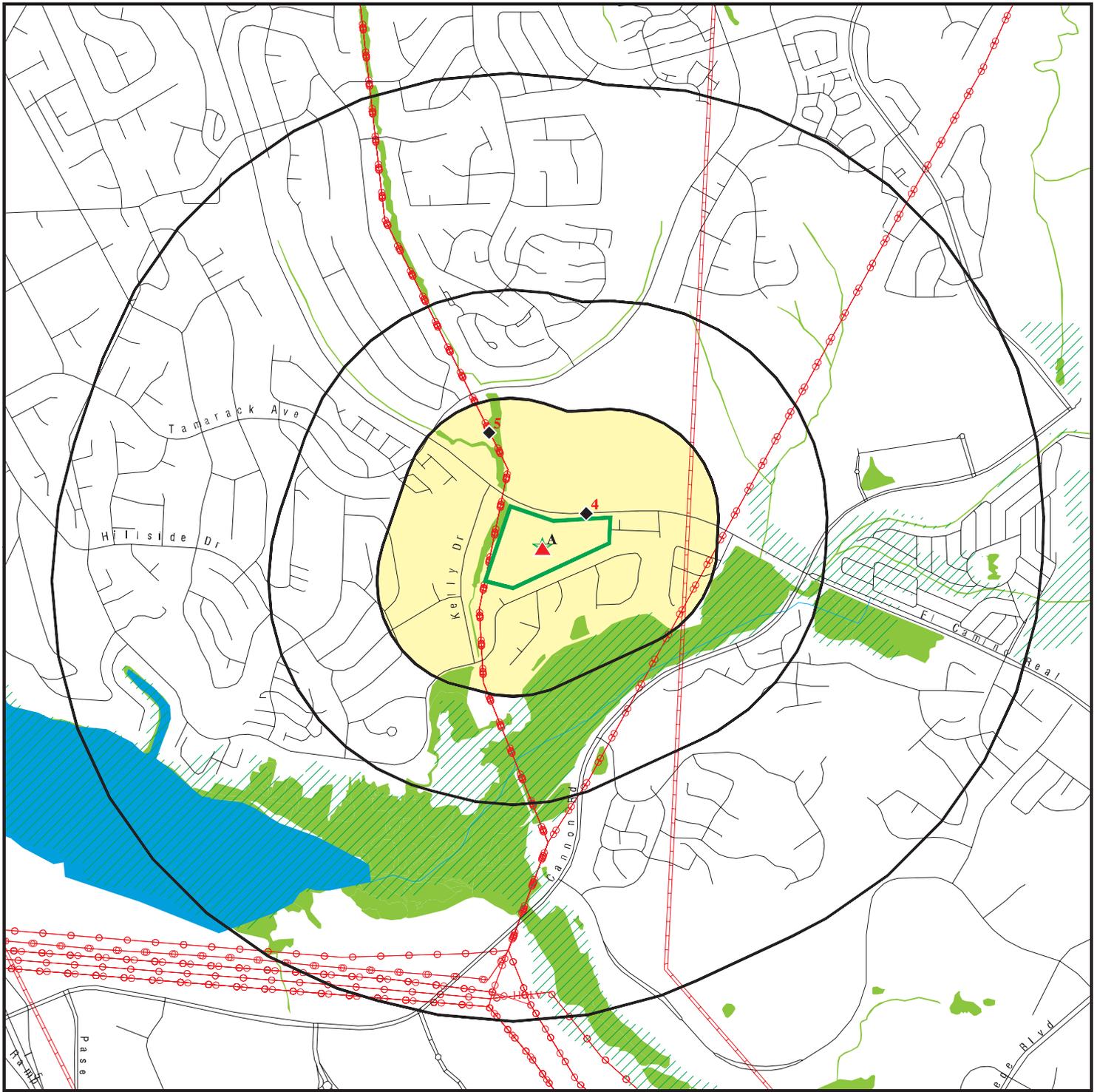
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VALDIVIA FARM	4915 EL CAMINO REAL	NE 0 - 1/8 (0.013 mi.)	4	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

<u>Site Name</u>	<u>Database(s)</u>
MARINERS POINT	SAN DIEGO CO. SAM, SLIC, San Diego Co. HMMD
RUEBEN LOPEZ	San Diego Co. HMMD
TOM LOPEZ JR	San Diego Co. HMMD
CARLSBAD RESEARCH	San Diego Co. HMMD
ROBERTSON RANCH - PARCEL 1	SLIC
ROBERTSON RANCH - PARCEL 1	ENVIROSTOR
CANNON COURT	ENVIROSTOR

OVERVIEW MAP - 4410798.2S



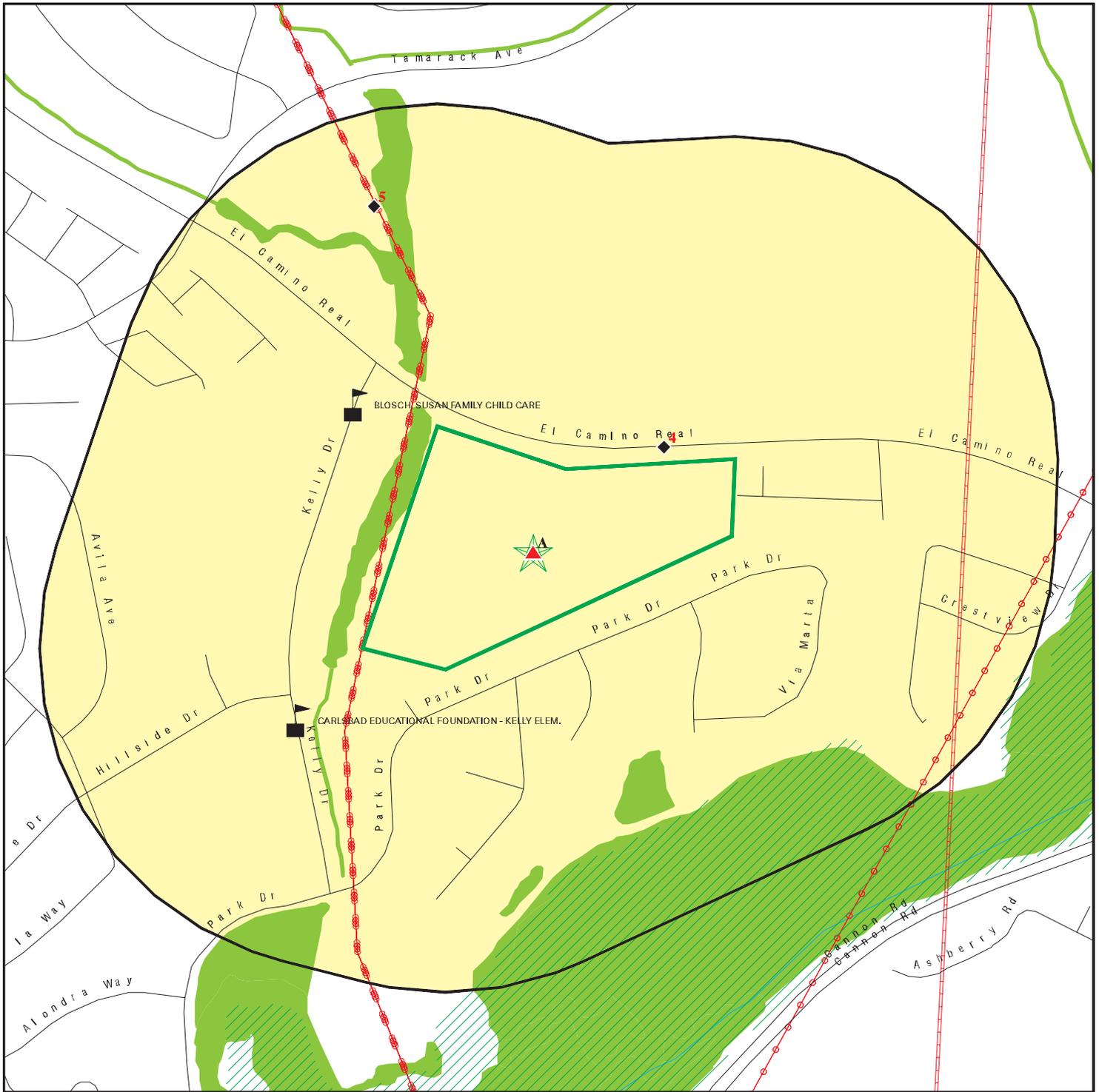
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Areas of Concern

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

SITE NAME: New Urban West-Carlsbad
 ADDRESS: 4901 EL CAMINO REAL
 Carlsbad CA 92008
 LAT/LONG: 33.1503 / 117.308

CLIENT: Stantec
 CONTACT: Ryan Mcdaniel
 INQUIRY #: 4410798.2s
 DATE: September 15, 2015 12:52 pm

DETAIL MAP - 4410798.2S



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

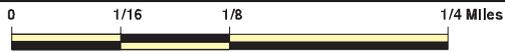
Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern



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

SITE NAME: New Urban West-Carlsbad
 ADDRESS: 4901 EL CAMINO REAL
 Carlsbad CA 92008
 LAT/LONG: 33.1503 / 117.308

CLIENT: Stantec
 CONTACT: Ryan Mcdaniel
 INQUIRY #: 4410798.2s
 DATE: September 15, 2015 12:54 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	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	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	TP		NR	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	0	NR	0
<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	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	1	0	NR	NR	1
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		1	0	NR	NR	NR	1
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	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	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	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMMD	TP	1	NR	NR	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	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
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

SAN DIEGO SPECIALTY PRODUCE
4901 EL CAMINO REAL
CARLSBAD, CA 92008

San Diego Co. HMMD **S104761162**
N/A

Site 1 of 3 in cluster A

Actual:
101 ft.

SAN DIEGO CO. HMMD:

Facility Id: 199286
Business Type: 6HKAG
EPA Id Number: Not reported
APN: 207-101-24-00
Last HMMD Inspection: 03/16/2011
Permit Status: INAC
Permit Expiration: 02/09/2000
Facility Owner: SAN DIEGO SPECIALTY INC
Facility Address: 972 BROADWAY
Facility City: CHULA VISTA
Facility State: CA
Facility Zip: 91911
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Facility Id: 199089
Business Type: 6HKAG
EPA Id Number: Not reported
APN: 207-101-24-00
Last HMMD Inspection: 12/26/1991
Permit Status: INAC
Permit Expiration: 12/26/1991
Facility Owner: HENRY YADA
Facility Address: 1835 BUENA VISTA WY
Facility City: CARLSBAD
Facility State: CA
Facility Zip: 92008-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

A2
Target
Property

4901 EL CAMINO REAL
CARLSBAD, CA 92008

EDR US Hist Cleaners **1015066798**
N/A

Site 2 of 3 in cluster A

Actual:
101 ft.

EDR Historical Cleaners:
Name: PLAZA LAUNDRY
Year: 2004
Address: 4901 EL CAMINO REAL

MAP FINDINGS

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

A3	HABITAT RESTORATION SCIENCES INC.	PEST LIC	S117639855
Target	4901 EL CAMINO REAL #D		N/A
Property	CARLSBAD, CA 92008		

Site 3 of 3 in cluster A

Actual:	101 ft.	PEST LIC:	
		Facility Type:	PCM
		Categories:	Not reported
		License No:	32680
		Issued or Renewed Date:	01/01/2015
		Expiration Date:	12/31/2016

4	VALDIVIA FARM	AST	S104761214
NE	4915 EL CAMINO REAL		N/A
< 1/8	CARLSBAD, CA 92008		
0.013 mi.			
66 ft.			

Relative:	Lower	AST:	
		Certified Unified Program Agencies:	San Diego
		Owner:	VALDIVIA FARM
Actual:	70 ft.	Total Gallons:	1500

5	RANCHO COSTERA	SLIC	S110819447
NNW	0 TAMARACK/EL CAMINO REAL		N/A
1/8-1/4	CARLSBAD, CA 92010		
0.177 mi.			
936 ft.			

Relative:	Lower	SLIC:	
		Region:	STATE
		Facility Status:	Open - Site Assessment
Actual:	57 ft.	Status Date:	03/25/2011
		Global Id:	T10000002941
		Lead Agency:	SAN DIEGO COUNTY LOP
		Lead Agency Case Number:	H39768-001
		Latitude:	33.1541878069538
		Longitude:	-117.310123443604
		Case Type:	Cleanup Program Site
		Case Worker:	CF
		Local Agency:	SAN DIEGO COUNTY LOP
		RB Case Number:	Not reported
		File Location:	Local Agency
		Potential Media Affected:	Not reported
		Potential Contaminants of Concern:	Not reported
		Site History:	This is a new VAP Case. This section will be updated as data is received.

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

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARLSBAD	S106797703	ROBERTSON RANCH - PARCEL 1	EL CAMINO REAL & CALAVERA DR.	92008	ENVIROSTOR
CARLSBAD	S106716618	ROBERTSON RANCH - PARCEL 1	EL CAMINO REAL	92008	SLIC
CARLSBAD	S106064833	MARINERS POINT	CAMINO DE LA ONDAS/A	92008	SAN DIEGO CO. SAM, SLIC, San Diego Co. HMMD
CARLSBAD	S106797726	CANNON COURT	NORTHWEST CORNER OF CANNON RD	92008	ENVIROSTOR
CARLSBAD	S106070093	RUEBEN LOPEZ	E EL CAMINO REAL	92008	San Diego Co. HMMD
CARLSBAD	S100741387	TOM LOPEZ JR	E EL CAMINO REAL	92008	San Diego Co. HMMD
CARLSBAD	S106062956	CARLSBAD RESEARCH	M W CAMINO HILLS	92008	San Diego Co. HMMD

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	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: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/30/2015
	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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	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: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/30/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/31/2015	Telephone: 202-267-2180
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/16/2015
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/04/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/16/2015
	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: 08/17/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/18/2015	Telephone: 916-341-6320
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/18/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: see region list
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

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

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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

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: 01/08/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2015	Telephone: 415-972-3372
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015	Source: EPA Region 7
Date Data Arrived at EDR: 04/28/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/09/2015
	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: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-6597
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/03/2015	Source: EPA Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	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: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-8677
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

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: 04/30/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 05/29/2015	Telephone: 312-886-7439
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

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

Date of Government Version: 06/15/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/17/2015	Telephone: 866-480-1028
Date Made Active in Reports: 07/14/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 19

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
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: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 05/26/2015	Telephone: 312-886-6136
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/09/2015
	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: 03/17/2015	Source: EPA Region 6
Date Data Arrived at EDR: 05/01/2015	Telephone: 214-665-7591
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6137
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/06/2015	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2015	Telephone: 206-553-2857
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/24/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 47

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/12/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency

Date Data Arrived at EDR: 08/09/2004

Telephone: 800-424-9346

Date Made Active in Reports: 09/17/2004

Last EDR Contact: 06/09/2004

Number of Days to Update: 39

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/25/2015

Source: Drug Enforcement Administration

Date Data Arrived at EDR: 03/10/2015

Telephone: 202-307-1000

Date Made Active in Reports: 03/25/2015

Last EDR Contact: 05/29/2015

Number of Days to Update: 15

Next Scheduled EDR Contact: 09/14/2015

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

Source: Department of Toxic Substance Control

Date Data Arrived at EDR: 08/03/2006

Telephone: 916-323-3400

Date Made Active in Reports: 08/24/2006

Last EDR Contact: 02/23/2009

Number of Days to Update: 21

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: 08/03/2015

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 08/04/2015

Telephone: 916-323-3400

Date Made Active in Reports: 09/03/2015

Last EDR Contact: 08/04/2015

Number of Days to Update: 30

Next Scheduled EDR Contact: 11/16/2015

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: 12/31/2014

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 03/10/2015

Telephone: 916-255-6504

Date Made Active in Reports: 03/18/2015

Last EDR Contact: 08/07/2015

Number of Days to Update: 8

Next Scheduled EDR Contact: 10/28/2015

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

CA FID UST: Facility Inventory Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/28/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / 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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/08/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/28/2015
	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.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/21/2015
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/31/2015
	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: 03/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-566-1917
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/30/2015
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/04/2015
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/23/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 05/14/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/24/2015
	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: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 06/25/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/05/2015
	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.

Date of Government Version: 12/31/2013	Source: EPA
Date Data Arrived at EDR: 02/12/2015	Telephone: 202-566-0250
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 01/29/2015
Number of Days to Update: 110	Next Scheduled EDR Contact: 06/08/2015
	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/22/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/09/2015
	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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/09/2015
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/14/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/24/2015
	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: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 07/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	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: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/31/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/09/2015	Telephone: 301-415-7169
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

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: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	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: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	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: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/07/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/09/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

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

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/04/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/07/2015
Next Scheduled EDR Contact: 10/19/2015
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: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/22/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/14/2015	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/03/2015	Telephone: 303-231-5959
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/01/2015
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/14/2015
	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.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 06/05/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/05/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

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: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/26/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/25/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
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: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2015
Next Scheduled EDR Contact: 11/30/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/17/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Annually

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: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2015
Next Scheduled EDR Contact: 09/07/2015
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: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/14/2015
Next Scheduled EDR Contact: 10/28/2015
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: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

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: 05/07/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/18/2015
Next Scheduled EDR Contact: 11/30/2015
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: 06/07/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 34

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/15/2015
Date Data Arrived at EDR: 06/17/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 09/28/2015
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: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
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: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/19/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

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

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

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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:

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: 07/21/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 31

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility list

Date of Government Version: 05/20/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/03/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/24/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

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

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014	Source: Department of Public Works
Date Data Arrived at EDR: 01/30/2015	Telephone: 626-458-3517
Date Made Active in Reports: 03/04/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/20/2015	Source: La County Department of Public Works
Date Data Arrived at EDR: 07/21/2015	Telephone: 818-458-5185
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 07/21/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015	Source: Engineering & Construction Division
Date Data Arrived at EDR: 07/27/2015	Telephone: 213-473-7869
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/20/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/15/2015	Source: Community Health Services
Date Data Arrived at EDR: 01/29/2015	Telephone: 323-890-7806
Date Made Active in Reports: 03/10/2015	Last EDR Contact: 07/15/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 03/03/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 05/26/2015	Telephone: 562-570-2563
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/03/2015	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 06/04/2015	Telephone: 310-618-2973
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/04/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/06/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 30

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 06/01/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 33

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/16/2015
Number of Days to Update: 9

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/03/2015
Date Data Arrived at EDR: 06/04/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 48

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/10/2015
Date Made Active in Reports: 09/11/2015
Number of Days to Update: 32

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 23

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/11/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/05/2015
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/15/2015
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 10

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

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

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 07/27/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 7

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 10/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/10/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 10

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2015
Next Scheduled EDR Contact: 10/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/10/2015
Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 07/22/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 12

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2015
Next Scheduled EDR Contact: 11/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/12/2015
Date Data Arrived at EDR: 06/16/2015
Date Made Active in Reports: 07/10/2015
Number of Days to Update: 24

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2015
Date Data Arrived at EDR: 06/30/2015
Date Made Active in Reports: 07/07/2015
Number of Days to Update: 7

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 18

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/22/2015
Next Scheduled EDR Contact: 10/12/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/06/2015
Number of Days to Update: 27

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2015
Date Data Arrived at EDR: 07/28/2015
Date Made Active in Reports: 08/03/2015
Number of Days to Update: 6

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/24/2015
Next Scheduled EDR Contact: 11/09/2015
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/27/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 08/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/26/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/12/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/27/2015	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 07/29/2015	Telephone: 805-654-2813
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/27/2015	Source: Environmental Health Division
Date Data Arrived at EDR: 06/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 06/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/08/2015	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/13/2015	Telephone: 530-666-8646
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 07/06/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/31/2015
Next Scheduled EDR Contact: 11/16/2015
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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
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: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/06/2015
Next Scheduled EDR Contact: 11/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/20/2015
Next Scheduled EDR Contact: 11/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation
Telephone: 281-546-1505

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
Telephone: 800-823-6277

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

NEW URBAN WEST-CARLSBAD
4901 EL CAMINO REAL
CARLSBAD, CA 92008

TARGET PROPERTY COORDINATES

Latitude (North):	33.1503 - 33° 9' 1.08"
Longitude (West):	117.308 - 117° 18' 28.80"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	471276.1
UTM Y (Meters):	3667800.0
Elevation:	101 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641318 SAN LUIS REY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

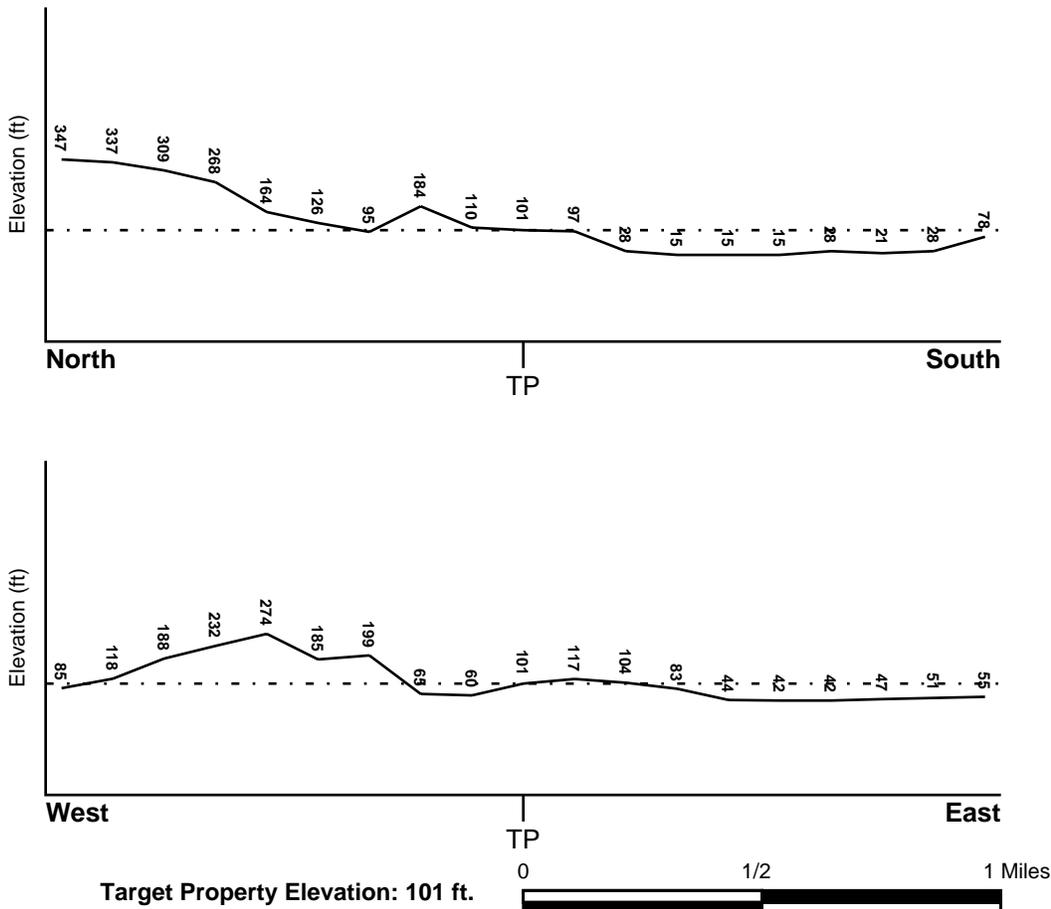
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

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

Target Property County
SAN DIEGO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06073C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SAN LUIS REY

NWI Electronic
Data Coverage
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

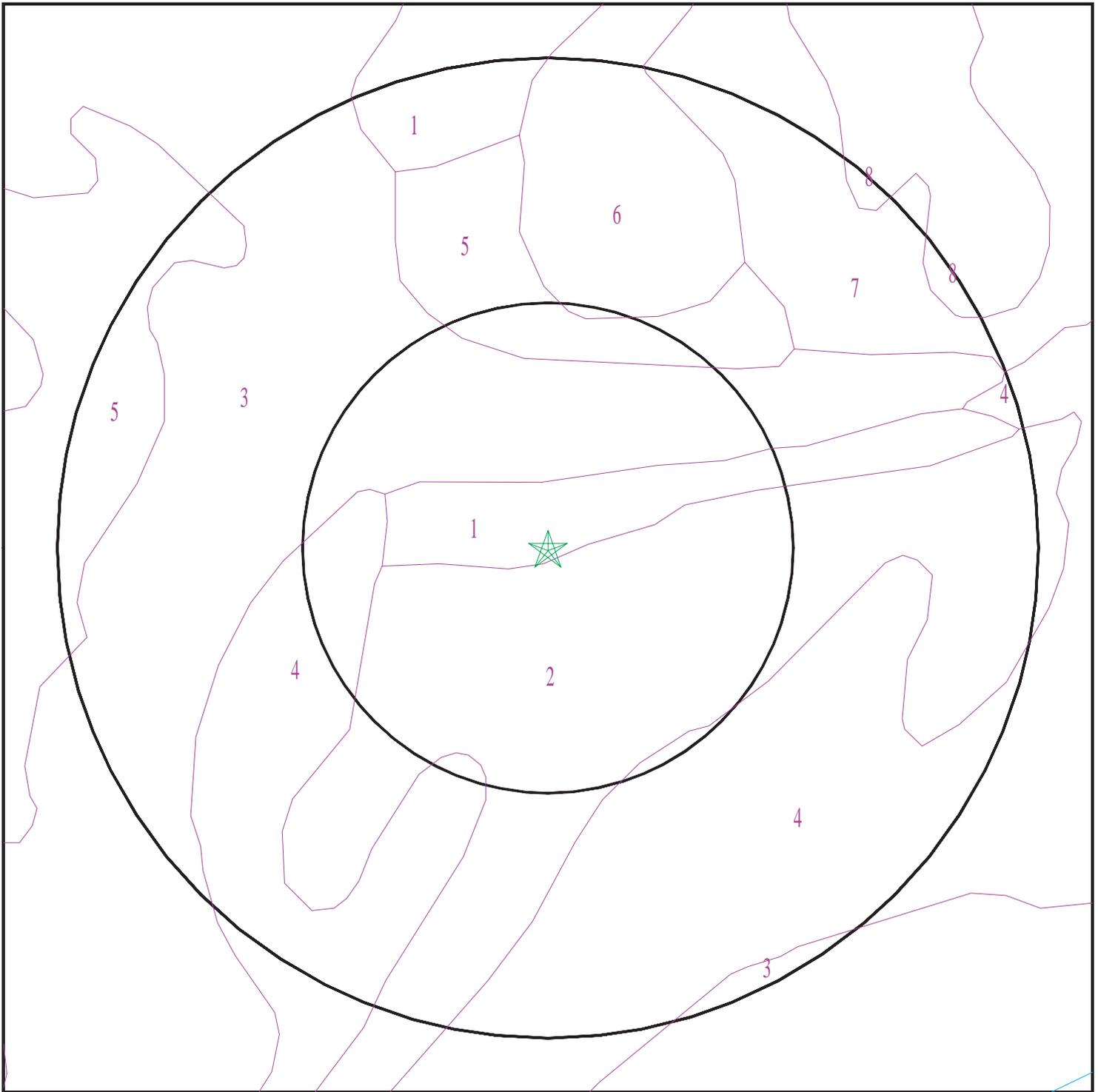
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (decoded above as Era, System & Series)

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 - 4410798.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: New Urban West-Carlsbad
ADDRESS: 4901 EL CAMINO REAL
Carlsbad CA 92008
LAT/LONG: 33.1503 / 117.308

CLIENT: Stantec
CONTACT: Ryan Mcdaniel
INQUIRY #: 4410798.2s
DATE: September 15, 2015 12:55 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: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	9 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
2	9 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	27 inches	31 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

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	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	20 inches	29 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	29 inches	40 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	40 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: SALINAS

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

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	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	22 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	46 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	14 inches	22 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	22 inches	38 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	14 inches	22 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	22 inches	38 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.6
3	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6

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		
2	14 inches	22 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	22 inches	38 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 8

Soil Component Name: LAS FLORES

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	14 inches	22 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.1
3	22 inches	38 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 6.6
4	38 inches	48 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
5	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000223064	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 4410798.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- 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: New Urban West-Carlsbad
 ADDRESS: 4901 EL CAMINO REAL
 Carlsbad CA 92008
 LAT/LONG: 33.1503 / 117.308

CLIENT: Stantec
 CONTACT: Ryan Mcdaniel
 INQUIRY #: 4410798.2s
 DATE: September 15, 2015 12:55 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
South
1/2 - 1 Mile

OIL_GAS CAOG11000223064

District nun:	1	Api number:	07300013
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Dauphin Dev. Corp.		
County name:	San Diego	Fieldname:	Any Field
Area name:	Any Area	Section:	16
Township:	12S	Range:	04W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irwin Kelly	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000223064		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92008	35	1

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: 92008

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix C
October 13, 2015

Appendix C

ENVIRONMENTAL AGENCY DATABASE SUPPLEMENTAL REPORTS



New Urban West-Carlsbad

4901 EL CAMINO REAL

Carlsbad, CA 92008

Inquiry Number: 4410798.3

September 15, 2015

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

9/15/15

Site Name:

New Urban West-Carlsbad
4901 EL CAMINO REAL
Carlsbad, CA 92008

Client Name:

Stantec
25864-F Business Center Drive
Redlands, CA 92374



EDR Inquiry # 4410798.3

Contact: Ryan Mcdaniel

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec 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:

Site Name: New Urban West-Carlsbad
Address: 4901 EL CAMINO REAL
City, State, Zip: Carlsbad, CA 92008
Cross Street:
P.O. # 185803532
Project: New Urban West-Carlsbad
Certification # 4887-4F1D-B3D3



Sanborn® Library search results
Certification # 4887-4F1D-B3D3

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million 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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New Urban West-Carlsbad

4901 EL CAMINO REAL

Carlsbad, CA 92008

Inquiry Number: 4410798.4

September 15, 2015

EDR Historical Topographic Map Report



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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

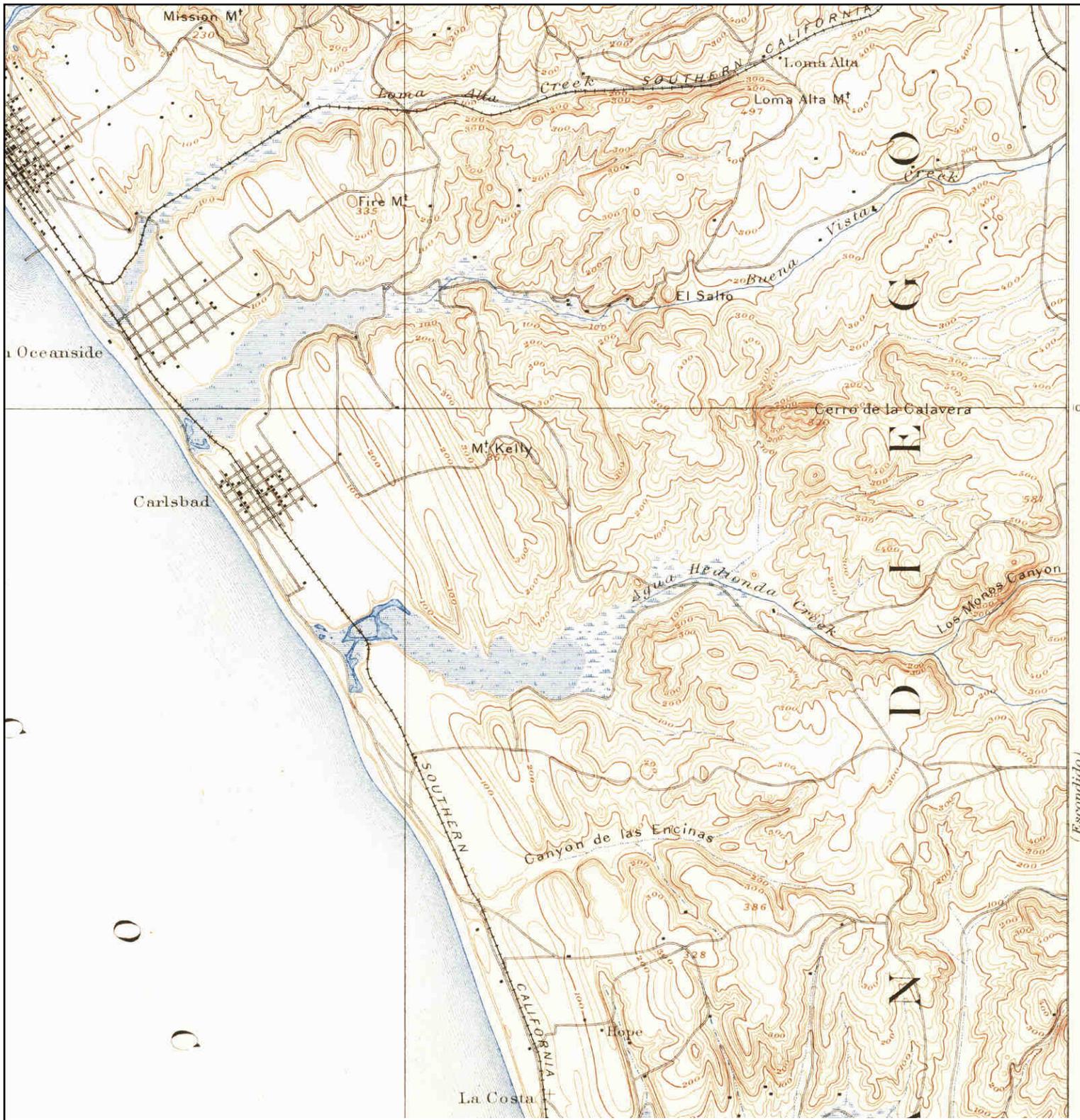
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Historical Topographic Map



	TARGET QUAD NAME: OCEANSIDE MAP YEAR: 1893	SITE NAME: New Urban West-Carlsbad ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008 LAT/LONG: 33.1503 / -117.308	CLIENT: Stantec CONTACT: Ryan Mcdaniel INQUIRY#: 4410798.4 RESEARCH DATE: 09/15/2015
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



	TARGET QUAD NAME: SAN LUIS REY MAP YEAR: 1901	SITE NAME: New Urban West-Carlsbad ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008 LAT/LONG: 33.1503 / -117.308	CLIENT: Stantec CONTACT: Ryan Mcdaniel INQUIRY#: 4410798.4 RESEARCH DATE: 09/15/2015
	SERIES: 30 SCALE: 1:125000		

Historical Topographic Map



	TARGET QUAD NAME: OCEANSIDE MAP YEAR: 1901	SITE NAME: New Urban West-Carlsbad ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008 LAT/LONG: 33.1503 / -117.308	CLIENT: Stantec CONTACT: Ryan Mcdaniel INQUIRY#: 4410798.4 RESEARCH DATE: 09/15/2015
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



Unsurveyed Area on the Topographic Map

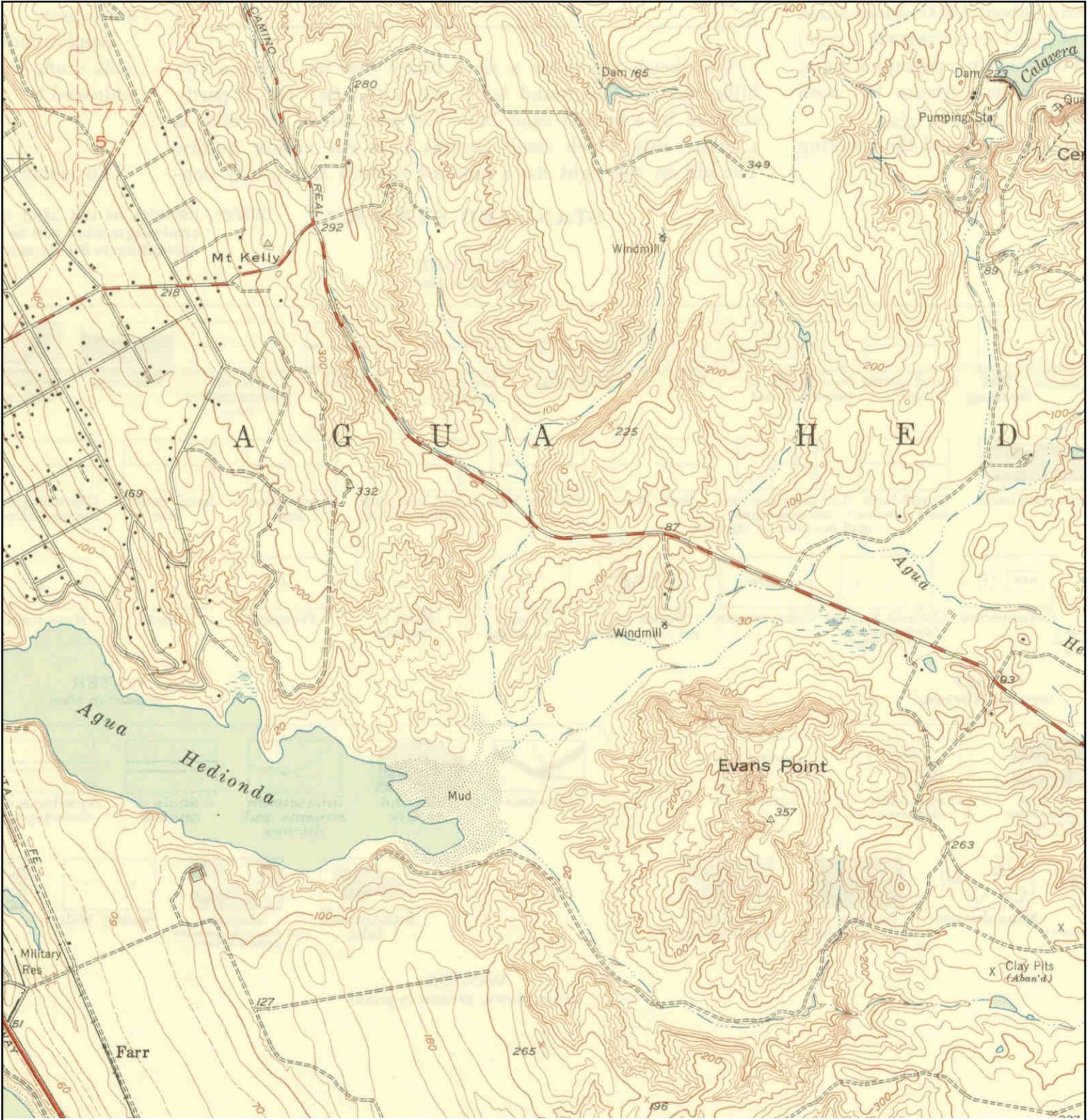
	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: SOUTHERN CA SHEET 2	ADDRESS: 4901 EL CAMINO REAL	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1904	CARLSBAD, CA 92008	INQUIRY#: 4410798.4
	SERIES: 60	LAT/LONG: 33.1503 / -117.308	RESEARCH DATE: 09/15/2015
	SCALE: 1:250000		

Historical Topographic Map



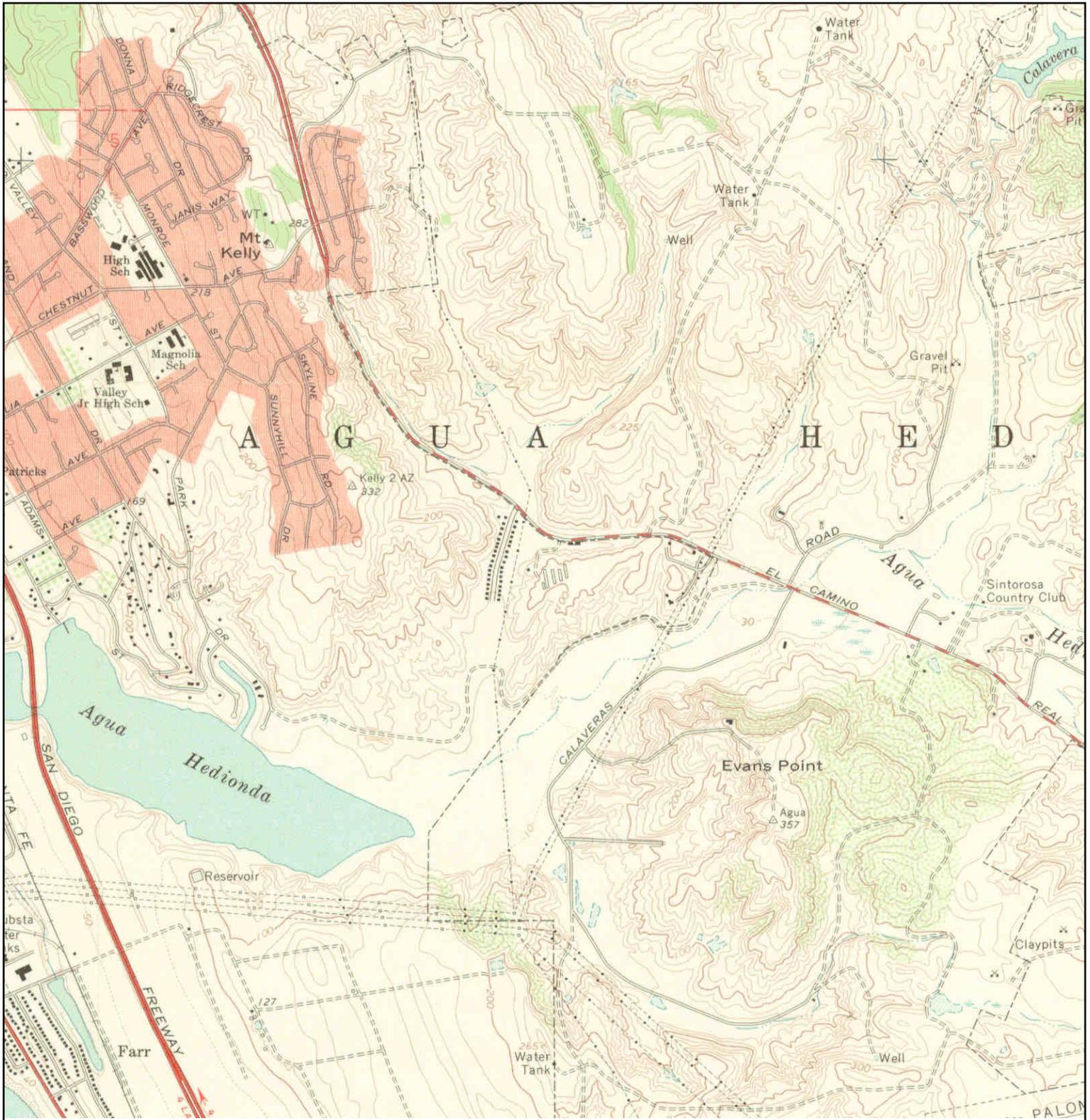
	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: OCEANSIDE	ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1947	LAT/LONG: 33.1503 / -117.308	INQUIRY#: 4410798.4
	SERIES: 15		RESEARCH DATE: 09/15/2015
	SCALE: 1:50000		

Historical Topographic Map



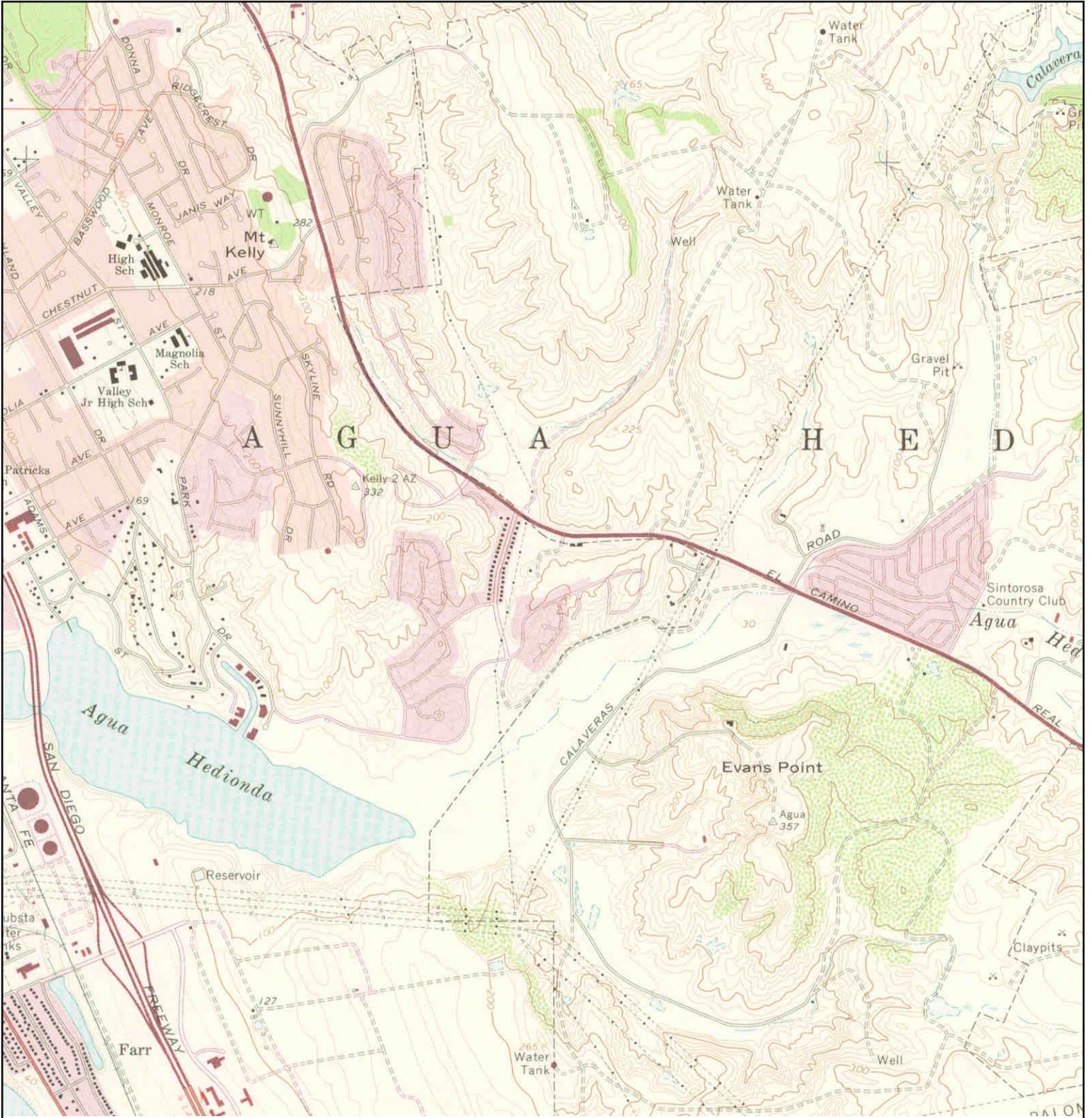
N ↑	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: SAN LUIS REY	ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1949	LAT/LONG: 33.1503 / -117.308	INQUIRY#: 4410798.4
	SERIES: 7.5		RESEARCH DATE: 09/15/2015
	SCALE: 1:24000		

Historical Topographic Map



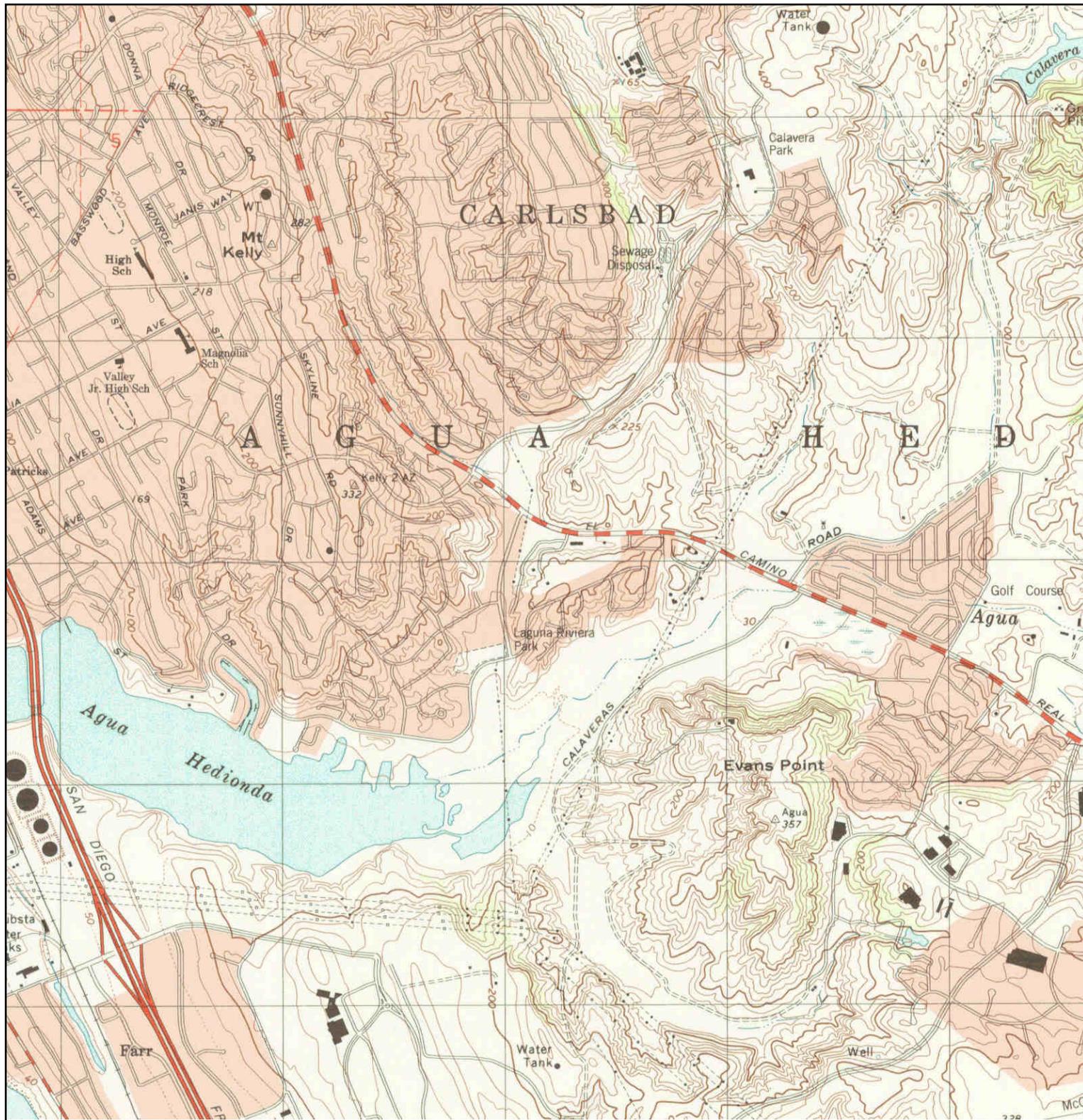
	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: SAN LUIS REY	ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1968	LAT/LONG: 33.1503 / -117.308	INQUIRY#: 4410798.4
	SERIES: 7.5		RESEARCH DATE: 09/15/2015
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: SAN LUIS REY	ADDRESS: 4901 EL CAMINO REAL	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1975	Carlsbad, CA 92008	INQUIRY#: 4410798.4
	PHOTOREVISED FROM : 1968	LAT/LONG: 33.1503 / -117.308	RESEARCH DATE: 09/15/2015
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: New Urban West-Carlsbad	CLIENT: Stantec
	NAME: SAN LUIS REY	ADDRESS: 4901 EL CAMINO REAL Carlsbad, CA 92008	CONTACT: Ryan Mcdaniel
	MAP YEAR: 1997	LAT/LONG: 33.1503 / -117.308	INQUIRY#: 4410798.4
	SERIES: 7.5		RESEARCH DATE: 09/15/2015
	SCALE: 1:24000		



New Urban West-Carlsbad

4901 EL CAMINO REAL

Carlsbad, CA 92008

Inquiry Number: 4410798.9

September 15, 2015

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography September 15, 2015

Target Property:

4901 EL CAMINO REAL

Carlsbad, CA 92008

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	USGS
1946	Aerial Photograph. Scale: 1"=500'	Flight Year: 1946	USGS
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	USGS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	USGS
1970	Aerial Photograph. Scale: 1"=500'	Flight Year: 1970	EDR Proprietary Landiscor
1979	Aerial Photograph. Scale: 1"=500'	Flight Year: 1979	EDR Proprietary Landiscor
1985	Aerial Photograph. Scale: 1"=500'	Flight Year: 1985	USGS
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4410798.9

YEAR: 1939

| = 500'





INQUIRY #: 4410798.9

YEAR: 1946

| = 500'





INQUIRY #: 4410798.9

YEAR: 1953

| = 500'





INQUIRY #: 4410798.9

YEAR: 1964

| = 500'





INQUIRY #: 4410798.9

YEAR: 1970

| = 500'





INQUIRY #: 4410798.9

YEAR: 1979

| = 500'





INQUIRY #: 4410798.9

YEAR: 1985

| = 500'





INQUIRY #: 4410798.9

YEAR: 1990

| = 500'





INQUIRY #: 4410798.9

YEAR: 1994

| = 500'





INQUIRY #: 4410798.9

YEAR: 2005

| = 500'





INQUIRY #: 4410798.9

YEAR: 2009

| = 500'





INQUIRY #: 4410798.9

YEAR: 2010

| = 500'





INQUIRY #: 4410798.9

YEAR: 2012

— = 500'



New Urban West-Carlsbad

4901 EL CAMINO REAL
Carlsbad, CA 92008

Inquiry Number: 4410798.5
September 15, 2015

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1903 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

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Data by

infoUSA[®]

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RESEARCH SUMMARY

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<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	X	X	X	X
2000	Haines Company, Inc.	X	X	X	-
1995	PACIFIC BELL WHITE PAGES	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	X	X	X	-
1989	Pacific Bell	-	X	X	-
1985	PACIFIC BELL WHITE PAGES	X	X	X	-
1984	R. L. Polk & Co.	-	-	-	-
1980	Pacific Telephone	X	X	X	-
1976	Luskey Brothers & Co., Inc.	X	X	X	-
1975	R. L. Polk Co.	-	-	-	-
1971	Community Directory Co.	-	-	-	-
1970	John M. Ducey	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1966	R. L. Polk Co.	-	-	-	-
1965	Luskey Brothers Co., Inc.	X	X	X	-
1962	Community Directory Co.	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	The Pacific Telephone Telegraph Co.	-	-	-	-
1956	R. L. Polk & Co.	-	-	-	-
1955	The Pacific Telephone & Telegraph Co.	-	-	-	-
1952	R. L. Polk Co. of California	-	-	-	-
1950	The Pacific Telephone Telegraph Co.	-	-	-	-
1948	San Diego Directory Co.	-	-	-	-
1945	San Diego Directory Co.	-	-	-	-
1943	San Diego Directory Co.	-	-	-	-
1940	San Diego Directory Co.	-	-	-	-
1938	San Diego Directory Co.	-	-	-	-
1933	San Diego Directory Co.	-	-	-	-
1927	San Diego Directory Co.	-	-	-	-
1921	San Diego Directory Co. Inc.	-	-	-	-
1907	San Diego Directory Co.	-	-	-	-
1903	San Diego Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

4901 EL CAMINO REAL
Carlsbad, CA 92008

FINDINGS DETAIL

Target Property research detail.

EL CAMINO REAL

4901 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	BOBBYS HIDEAWAY CAFE	Cole Information Services
	BUFFALO BROTHERS GUITARS	Cole Information Services
	COUNTRY WINE & LIQUOR	Cole Information Services
	HELENS COUNTRY HAIRDRESSER	Cole Information Services
	HORTNESIAS FLOWERS	Cole Information Services
	JAMES HOOD GUITAR REPAIR	Cole Information Services
2008	BOBS HIDEAWAY CAFE	Cole Information Services
	BUFFALO BROTHERS GUITARS	Cole Information Services
	COUNTRY STORE DELI & LIQUOR	Cole Information Services
	HELENS COUNTRY HAIRDRESSER	Cole Information Services
	OASIS NURSERY & PALMS INC	Cole Information Services
	RYBERG BABI	Cole Information Services
1995	Trumans Meats	PACIFIC BELL WHITE PAGES
1991	CARLS BAD TRAVE L S E RVICE	PACIFIC BELL WHITE PAGES
	Hoffman Jay F	PACIFIC BELL WHITE PAGES
	Roncones Country Villa	PACIFIC BELL WHITE PAGES
	Rondas Rena L.....	PACIFIC BELL WHITE PAGES
	Trumans Meats	PACIFIC BELL WHITE PAGES
1985	CARLSBAD TRAVEL	PACIFIC BELL WHITE PAGES
	COUNTRY STORE	PACIFIC BELL WHITE PAGES
	HELEN S COUNTRY HAIRDRESSER	PACIFIC BELL WHITE PAGES
	TRUMAN S MEATS	PACIFIC BELL WHITE PAGES
1980	A Country Store Liquors	Pacific Telephone
	Carlsbad Travel Service	Pacific Telephone
	Country Store Dell International	Pacific Telephone
	Helens Country Hairdresser	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Mar Ja Acres Country Store	Pacific Telephone
	Olson Farms Inc	Pacific Telephone
	Trumans Meats	Pacific Telephone
1976	Trumans Meats	Luskey Brothers & Co., Inc.
1970	Hoffman Jay F 4901 El Canino Real C	John M. Ducey
	Hoffman Marja Dawn 4901 El Camino Real C	John M. Ducey
	Marja Acres 4901 El Camino Real C	John M. Ducey
1965	Hoffman JF	Luskey Brothers Co., Inc.
	Marja Acres eggs wihlsle	Luskey Brothers Co., Inc.

EL CAMINO REAL ST

4901 EL CAMINO REAL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	BOBBYS HIDEAWAY CAFE	Haines Company, Inc.	Image pg. A1
	BUFFALO BROS VINTAGE GUITARS	Haines Company, Inc.	Image pg. A1
	COUNTRY TREASURES	Haines Company, Inc.	Image pg. A1
	COUNTRY WINE AND LIQUOR	Haines Company, Inc.	Image pg. A1
	HELENS COUNTRY HAIRDRESSER	Haines Company, Inc.	Image pg. A1
	HOFFMAN Jay F	Haines Company, Inc.	Image pg. A1
	HORTENCIAS FLOWERS	Haines Company, Inc.	Image pg. A1
2000	BOBBYS HIDEAWAY CAFE	Haines Company, Inc.	
	COUNTRY STORE	Haines Company, Inc.	
	COUNTRY STR LIQUORS	Haines Company, Inc.	
	COUNTRY TREASURES	Haines Company, Inc.	
	HELENS COUNTRY HAIRDRESSER	Haines Company, Inc.	
	HOFFMAN Jay F	Haines Company, Inc.	

EL CAMLNO REEL

4901 EL CAMLNO REEL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Cafe Florence	PACIFIC BELL WHITE PAGES

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CINDY AVE

4955 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	THORNE William G	Haines Company, Inc.	Image pg. A2
2000	THORNE William G	Haines Company, Inc.	
	THORNE Mary V	Haines Company, Inc.	
1995	THORNE AE	PACIFIC BELL WHITE PAGES	
1991	Thorne Mary V & William G	PACIFIC BELL WHITE PAGES	
1985	BOYDEN ROLAND F	PACIFIC BELL WHITE PAGES	

4957 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	DELLOW Les	Haines Company, Inc.	Image pg. A2
2000	DELLOW Les	Haines Company, Inc.	
	DELLOW Betty	Haines Company, Inc.	
1995	DELLORTO DONALD V	PACIFIC BELL WHITE PAGES	
1991	Eriksen Walter K	PACIFIC BELL WHITE PAGES	
1985	ERIKSEN WALTER K	PACIFIC BELL WHITE PAGES	

4959 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	XXXX	Haines Company, Inc.	Image pg. A2
2000	REEVES W Jack	Haines Company, Inc.	
1995	ROBT WAYNE	PACIFIC BELL WHITE PAGES	
1985	REEVES W JACK	PACIFIC BELL WHITE PAGES	

4961 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	ANDERSON Arthur A	Haines Company, Inc.	Image pg. A2
2000	ANDERSON Arthur A	Haines Company, Inc.	
1995	ARTHUR A	PACIFIC BELL WHITE PAGES	
1991	Anderson Arthur A	PACIFIC BELL WHITE PAGES	
1985	ANDERSON ARTHUR A	PACIFIC BELL WHITE PAGES	

FINDINGS

4963 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	HUSHES D	Haines Company, Inc.
1995	HUGHES ADRIENNE	PACIFIC BELL WHITE PAGES
1991	Eaton Robert L Mrs	PACIFIC BELL WHITE PAGES
	Eaton Robin L & Debbie	PACIFIC BELL WHITE PAGES
1985	ANGERMEIR HARVEY	PACIFIC BELL WHITE PAGES

4964 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LYTTLE Sam	Haines Company, Inc. Image pg. A2
2000	LYTTLE Eileen	Haines Company, Inc.
	LYTTLE Sam	Haines Company, Inc.
1995	LEE	PACIFIC BELL WHITE PAGES
1991	Lytteton H A & S E	PACIFIC BELL WHITE PAGES
	Lyttleton AC.....	PACIFIC BELL WHITE PAGES
	Lyttle Sam & Eileen	PACIFIC BELL WHITE PAGES
1985	PEREIRA C TONY	PACIFIC BELL WHITE PAGES

4965 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BLEDSON Iva	Haines Company, Inc. Image pg. A2
2000	GOULBOURNE Anthony	Haines Company, Inc.
1995	GEO W	PACIFIC BELL WHITE PAGES
1991	Hageman Geo W	PACIFIC BELL WHITE PAGES
1985	HAGEMAN GEO W	PACIFIC BELL WHITE PAGES

4967 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SGAMBELLURI Jutta	Haines Company, Inc.
1985	COLLART E H	PACIFIC BELL WHITE PAGES

4969 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EPPERSON Keith G	Haines Company, Inc. Image pg. A2
2000	TIERNEY Charles	Haines Company, Inc.
1995	HULSE DANIELLE & ANDREW	PACIFIC BELL WHITE PAGES
1991	Hulse Richard E	PACIFIC BELL WHITE PAGES
1985	HULSE RICHARD E	PACIFIC BELL WHITE PAGES

FINDINGS

4970 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	SPRATT Richard	Haines Company, Inc.	Image pg. A2
2000	SPRATT Richard	Haines Company, Inc.	
1995	SPRATT RICHARD	PACIFIC BELL WHITE PAGES	
1991	Stobbs J M	PACIFIC BELL WHITE PAGES	
	Stobbs R	PACIFIC BELL WHITE PAGES	
1985	STOBBS R B	PACIFIC BELL WHITE PAGES	

4971 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	SOMIT Albert	Haines Company, Inc.	Image pg. A2
2000	MITCHELL Ralph	Haines Company, Inc.	
1991	Mitchell Ralph L & Dennie	PACIFIC BELL WHITE PAGES	
1985	MITCHELL RALPH L & DENNIE	PACIFIC BELL WHITE PAGES	

4973 CINDY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	XXXX	Haines Company, Inc.	Image pg. A2
2000	SINUTKO Donald	Haines Company, Inc.	
1991	Moliler Lee	PACIFIC BELL WHITE PAGES	
1985	MOLILER LEE	PACIFIC BELL WHITE PAGES	

EL CAMINO REAL

4805 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	Oceanside	Pacific Bell

4867 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	CALDWELL WELDING	PACIFIC BELL WHITE PAGES
	CARBONNEAU CECLE T	PACIFIC BELL WHITE PAGES
	HENSON JIM	PACIFIC BELL WHITE PAGES
	KELLY IRWIN J	PACIFIC BELL WHITE PAGES
	DOYLE CECILE	PACIFIC BELL WHITE PAGES
	KELLY DOROTHY	PACIFIC BELL WHITE PAGES
1980	Caldwell Welding	Pacific Telephone
	Kelly Irwin J	Pacific Telephone
1970	Kelly Irwin J Dorothy 4867 El Camino Real C	John M. Ducey

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Kelly IJ	Luskey Brothers Co., Inc.

4871 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	INTERSTATE EQUITIES	PACIFIC BELL WHITE PAGES
	CARPENTER HERBERT L	PACIFIC BELL WHITE PAGES
	CARPENTER BETTE M INTERSTATE EQUITIES	PACIFIC BELL WHITE PAGES
	BUTTON JACK	PACIFIC BELL WHITE PAGES
1980	Interstate Equities	Pacific Telephone
	Button Jack	Pacific Telephone
1976	Button JackNaomi	Luskey Brothers & Co., Inc.

4915 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	CARRILLO POTTERY	Cole Information Services
2008	CARRILLO POTTERY	Cole Information Services
	HORTERNCIAS FLOWERS	Cole Information Services
1980	Flowerland Country Nursery	Pacific Telephone

4931 EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1989	Plaza Camino Real Center	Pacific Bell

EL CAMINO REAL ST

4915 EL CAMINO REAL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	CARRILLO POTTERY	Haines Company, Inc.	Image pg. A1
	HORTENSIAS FLOWERS	Haines Company, Inc.	Image pg. A1
	PLANT PLAY	Haines Company, Inc.	Image pg. A1
2000	HORTENSIAS FLOWERS NO 3	Haines Company, Inc.	
	WHOLESALE POTTERY	Haines Company, Inc.	

HINTON

4904 HINTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	R	PACIFIC BELL WHITE PAGES
1985	LEGER ROBT L	PACIFIC BELL WHITE PAGES
	MARCHELLE INTERNATIONAL	PACIFIC BELL WHITE PAGES

FINDINGS

4905 HINTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Adams Shari	Luskey Brothers & Co., Inc.

4906 HINTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	BOWYER CHAS K	PACIFIC BELL WHITE PAGES

4907 HINTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	MORIARTY ANDREA& JAMES	PACIFIC BELL WHITE PAGES
1985	MORIARTY JEROME	PACIFIC BELL WHITE PAGES

4908 HINTON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	ALLEN CECIL B	PACIFIC BELL WHITE PAGES

JULIE PL

2281 JULIE PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STONEHAM Bob	Haines Company, Inc. Image pg. A3
	DIETZ Marianne	Haines Company, Inc. Image pg. A3
2000	SNEED Edgar	Haines Company, Inc.
1995	SNEED BENJAMIN E	PACIFIC BELL WHITE PAGES
1985	SNEED EDGAR M & AGNES	PACIFIC BELL WHITE PAGES

2282 JULIE PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	KEENE Michael	Haines Company, Inc. Image pg. A3
2000	KEENE Fremont	Haines Company, Inc.
1985	CUMMINS MARION & LOUISE	PACIFIC BELL WHITE PAGES

2283 JULIE PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	KEMPTON William G	Haines Company, Inc. Image pg. A3
2000	KEMPTON William G	Haines Company, Inc.
1995	WATTIER LAWRENCE L MRS	PACIFIC BELL WHITE PAGES
1985	WATTS RICHARD & HELEN	PACIFIC BELL WHITE PAGES

FINDINGS

2284 JULIE PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	XXXX	Haines Company, Inc.	Image pg. A3
2000	XXXX	Haines Company, Inc.	
1991	Ley Gordon R	PACIFIC BELL WHITE PAGES	
1985	TAYLOR M	PACIFIC BELL WHITE PAGES	

N EL CAMINO REAL

4771 N EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1991	Encinitas Ofc	PACIFIC BELL WHITE PAGES	
	From La Jolla Telephones Call	PACIFIC BELL WHITE PAGES	
		

4805 N EL CAMINO REAL

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
1989	Encinitas	Pacific Bell	

PARK DR

4949 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	BLISS Dena	Haines Company, Inc.	Image pg. A4
2000	GRAKAUSKAS C	Haines Company, Inc.	
1985	GRAKAUSKAS JANET E	PACIFIC BELL WHITE PAGES	
	GRAKAUSKAS W B	PACIFIC BELL WHITE PAGES	
1980	Grakauskas W B	Pacific Telephone	

4950 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	KELLER Steven	Haines Company, Inc.	Image pg. A4
2000	KELLER Steven	Haines Company, Inc.	
1980	Dunn Kelly	Pacific Telephone	

4951 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	CHAVEZ Diana	Haines Company, Inc.	Image pg. A4
2000	EDERER Emily	Haines Company, Inc.	
	EDERER Gregory	Haines Company, Inc.	
	LAROCCA Nichele	Haines Company, Inc.	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Guevara DC	PACIFIC BELL WHITE PAGES
1985	GUEVARA D C	PACIFIC BELL WHITE PAGES
1980	Guevara D C	Pacific Telephone

4952 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROBINSON Jas W	Haines Company, Inc. Image pg. A4
2000	ROBINSON Jas W	Haines Company, Inc.
1995	ROBINSON EDWIN A & BEVERLY	PACIFIC BELL WHITE PAGES
1991	Robinson Jas W	PACIFIC BELL WHITE PAGES
	Robinson Jamie	PACIFIC BELL WHITE PAGES
1985	ROBINSON JAS W	PACIFIC BELL WHITE PAGES
1980	Robinson Jas W	Pacific Telephone

4954 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ENGSTROM Marcus	Haines Company, Inc. Image pg. A4
2000	PETERS Linda	Haines Company, Inc.

4955 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LAUX D	Haines Company, Inc. Image pg. A4
2000	WILLIAMS Patrick	Haines Company, Inc.
1985	KUSLO STEVE	PACIFIC BELL WHITE PAGES
1980	Kuslo Steve	Pacific Telephone

4956 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	COMPOS Daniel	Haines Company, Inc. Image pg. A4
2000	COMPOS Daniel	Haines Company, Inc.

4957 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOHNSON Paul	Haines Company, Inc. Image pg. A4
2000	JOHNSON Paul	Haines Company, Inc.

4958 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LEARY Jim	Haines Company, Inc. Image pg. A4
2000	LEARY Mimi	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEARY Jim	Haines Company, Inc.
1991	Leary Jim & Mimni	PACIFIC BELL WHITE PAGES
1985	KREPPS C	PACIFIC BELL WHITE PAGES
1980	Krepps Geo	Pacific Telephone
	Krepps C	Pacific Telephone

4959 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SUTTLE Wm R	Haines Company, Inc. Image pg. A4
2000	SUTTLE Wm R	Haines Company, Inc.
1995	SUTTLE GEO W	PACIFIC BELL WHITE PAGES
1991	Suttle Wm R	PACIFIC BELL WHITE PAGES
1985	SUTTLE WM R	PACIFIC BELL WHITE PAGES
1980	Suttle Wm R	Pacific Telephone

4960 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	CARLSBADSPORTSONLINE COM	Cole Information Services
2006	BUNNELL Brian	Haines Company, Inc. Image pg. A4
2000	STILLMAN Julie	Haines Company, Inc.
	STILLMAN Ken	Haines Company, Inc.
1995	STILLMAN BECKY	PACIFIC BELL WHITE PAGES
1985	STILLMAN KEN & JULIE	PACIFIC BELL WHITE PAGES
1980	Stillman Robt H	Pacific Telephone

4961 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHRISTIAN Leo	Haines Company, Inc. Image pg. A4
2000	CHRISTIAN Leo	Haines Company, Inc.
1991	Christian Leo	PACIFIC BELL WHITE PAGES
1985	CHRISTIAN LEO	PACIFIC BELL WHITE PAGES
1980	Christian Leo	Pacific Telephone

4962 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2008	CITY FUNDING	Cole Information Services
2006	FLINT George	Haines Company, Inc. Image pg. A4
	CITY FUNDING	Haines Company, Inc. Image pg. A4
2000	LYONS Ralph	Haines Company, Inc.
1991	St Croix Gerard A	PACIFIC BELL WHITE PAGES

FINDINGS

4963 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	PACE Evelyn	Haines Company, Inc.	Image pg. A4
	PACE EVELYN	Haines Company, Inc.	Image pg. A4
2000	PACE Evelyn	Haines Company, Inc.	
1991	Pace JBlair Dr	PACIFIC BELL WHITE PAGES	

4964 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	SARVER Phillip	Haines Company, Inc.	Image pg. A4
2000	XXXX	Haines Company, Inc.	
1995	SOOTER WILL J& HILDA	PACIFIC BELL WHITE PAGES	
1991	Sooter Will J	PACIFIC BELL WHITE PAGES	

4965 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	JANKE Heinz P	Haines Company, Inc.	Image pg. A4
2000	JANKE Heinz P	Haines Company, Inc.	
1991	Janke Heinz P	PACIFIC BELL WHITE PAGES	
1985	JANKE HEINZ P	PACIFIC BELL WHITE PAGES	
1980	Janke Heinz P	Pacific Telephone	

4966 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	TAYLOR Caleb	Haines Company, Inc.	Image pg. A4
2000	TAYLOR Caleb	Haines Company, Inc.	
1980	Brown John K	Pacific Telephone	

4968 PARK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	BONAGURA Paul	Haines Company, Inc.	Image pg. A4
2000	GANN Leonard	Haines Company, Inc.	
1995	GARY	PACIFIC BELL WHITE PAGES	
1991	Gann Margaret Sn Ls Ry	PACIFIC BELL WHITE PAGES	
	Gann Leonard	PACIFIC BELL WHITE PAGES	
1985	GANN LEONARD	PACIFIC BELL WHITE PAGES	
1980	Gann Leonard	Pacific Telephone	

FINDINGS

VIA HINTON ST

4904 VIA HINTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	XXXX	Haines Company, Inc.	Image pg. A5
2000	PATCHETT R	Haines Company, Inc.	

4905 VIA HINTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	DAY Kevin	Haines Company, Inc.	Image pg. A5
2000	DAY Kevin	Haines Company, Inc.	

4906 VIA HINTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	GREENE Robert	Haines Company, Inc.	Image pg. A5
2000	BECK Scott	Haines Company, Inc.	

4907 VIA HINTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	MORIARTY Jerome	Haines Company, Inc.	Image pg. A5
2000	MORIARTY Jerome	Haines Company, Inc.	

4908 VIA HINTON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2006	MAHELONA Arnold	Haines Company, Inc.	Image pg. A5
2000	MAHELONA Arnold	Haines Company, Inc.	

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

4901 EL CAMINO REAL

Address Not Identified in Research Source

1992, 1989, 1984, 1975, 1971, 1966, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

2281 JULIE PL

Address Not Identified in Research Source

2013, 2008, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

2282 JULIE PL

2013, 2008, 1995, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

2283 JULIE PL

2013, 2008, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

2284 JULIE PL

2013, 2008, 1995, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4771 N EL CAMINO REAL

2013, 2008, 2006, 2000, 1995, 1992, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4805 EL CAMINO REAL

2013, 2008, 2006, 2000, 1995, 1992, 1991, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4805 N EL CAMINO REAL

2013, 2008, 2006, 2000, 1995, 1992, 1991, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4867 EL CAMINO REAL

2013, 2008, 2006, 2000, 1995, 1992, 1991, 1989, 1984, 1976, 1975, 1971, 1966, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4871 EL CAMINO REAL

2013, 2008, 2006, 2000, 1995, 1992, 1991, 1989, 1984, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4904 HINTON

2013, 2008, 2006, 2000, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

4904 VIA HINTON ST

2013, 2008, 1995, 1992, 1991, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

FINDINGS

Address Researched

Address Not Identified in Research Source

4964 PARK DR	2013, 2008, 1992, 1989, 1985, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4965 CINDY AVE	2013, 2008, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4965 PARK DR	2013, 2008, 1995, 1992, 1989, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4966 PARK DR	2013, 2008, 1995, 1992, 1991, 1989, 1985, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4967 CINDY AVE	2013, 2008, 2006, 1995, 1992, 1991, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4968 PARK DR	2013, 2008, 1992, 1989, 1984, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4969 CINDY AVE	2013, 2008, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4970 CINDY AVE	2013, 2008, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4971 CINDY AVE	2013, 2008, 1995, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903
4973 CINDY AVE	2013, 2008, 1995, 1992, 1989, 1984, 1980, 1976, 1975, 1971, 1970, 1966, 1965, 1962, 1961, 1960, 1956, 1955, 1952, 1950, 1948, 1945, 1943, 1940, 1938, 1933, 1927, 1921, 1907, 1903

Source Page Images Appendix

JULIE PL 2006

THE HAINES DIRECTORY

SAN DIEGO NORTH

2006

425 S JUNIPER ST

JULIAN ORCHARDS DR 92036 JULIAN

WEALTH CODE 0

X WYNOLA RD

X FARMER RD

1500 * MINGHINI WINERY 760-785-2072

JULIAN ST 92065 RAMONA

WEALTH CODE 3

X ROBERTSON ST

X LA BREA ST

X VERMONT ST

X MAIN ST

X KELLY AVE

X RAYMOND AVE

JULIE CT 92069 SAN MARCOS

WEALTH CODE 6

X ELIZABETH ST

X MAIN ST

JULIE PL 92008 CARLSBAD

WEALTH CODE 7

X CINDY AVE

JULIETTE PL 92028 FALLBROOK

WEALTH CODE 6

X MAGARIAN RD

X LA PALMA DR

X LA STRADA DR

X EL CAMINITO RD

JULIANA WAY 92029 ESCONDIDO

WEALTH CODE 6

X CLARENCE LN

X DEBBY ST

X HURON AVE

WEALTH CODE 5

X KAIBAB CT

X GARFIELD ST

CARLSBAD BLVD

X VALLEY PKY

X PENNSYLVANIA AVE

X APARTMENTS

X SHERMAN PL

X WOODLAWN APTS

X ALJEJO ST

X BRICKELLIA ST

X NONIE TER

JUNCUS CT (97) 92129 SAN DIEGO

WEALTH CODE 8

X MANNIX RD

X 4TH PL

X 3RD PL

X 2ND PL

X LAKE DR

X OLEANDER AVE

WEALTH CODE 6

X 1ST PL

X SORRENTO VALLEY BLVD

WEALTH CODE 4

JUNIPER AVE 92008 CARLSBAD

WEALTH CODE 4

X GARFIELD ST

X VALLEY PKY

X PENNSYLVANIA AVE

X APARTMENTS

X SHERMAN PL

X WOODLAWN APTS

X ALJEJO ST

X BRICKELLIA ST

X NONIE TER

JUNCUS CT (97) 92129 SAN DIEGO

WEALTH CODE 8

X MANNIX RD

X 4TH PL

X 3RD PL

X 2ND PL

X LAKE DR

X OLEANDER AVE

WEALTH CODE 6

X 1ST PL

X SORRENTO VALLEY BLVD

WEALTH CODE 4

JUNIPER RIDGE LN (04) 92028 FALLBROOK

WEALTH CODE 0

N JUNIPER ST 92025 ESCONDIDO

WEALTH CODE 0

X VALLEY PKY

X PENNSYLVANIA AVE

X APARTMENTS

X SHERMAN PL

X WOODLAWN APTS

X ALJEJO ST

X BRICKELLIA ST

X NONIE TER

JUNCUS CT (97) 92129 SAN DIEGO

WEALTH CODE 8

X MANNIX RD

X 4TH PL

X 3RD PL

X 2ND PL

X LAKE DR

X OLEANDER AVE

WEALTH CODE 6

X 1ST PL

X SORRENTO VALLEY BLVD

WEALTH CODE 4

PHAM TH 760-741-6253

APARTMENTS

BURSON ROBERT T 760-746-1560

CAMPELL KEVIN 760-746-2749

GRACE LINDA 760-747-0313

HANSEN JOHN M 760-741-5256

HANSEN LYNN C MD 760-291-5886

VIA HINTON ST 2006

THE HAINES DIRECTORY

SAN DIEGO NORTH

2006

VIA LAS BRISAS 831

VIA GUADALMINA 91228 SAN DIEGO

WEALTH CODE 8
18204 MERILL Beverly 858-487-2504 +6
STRES Beverly 858-487-2504 +6

VIA GUADALUPE 92067 RANCHO SANTA FE

WEALTH CODE 9
P O BOXES ONLY
NO DELIVERY BY ADDRESS

VIA HERMOSA 92029 ESCONDIDO

WEALTH CODE 6
3018 WAGNER Marion OO 4
3056 WAGNER Marion OO 4

X BERNARDO MOUNTAIN D

X VIA RANCHO PKY

VIA HINTON 92008 CARLSBAD

WEALTH CODE 7
4934 XXXX OO 0
4935 OAY Kevin OO 0

VIA HOJA (03) 92009 CARLSBAD

WEALTH CODE 8
7993 LAS Randy 760-942-4244 3
7994 TALEY Robert OO 4

VIA HOGURA 92130 SAN DIEGO

WEALTH CODE 9
3941 DAVIDOFF Robyn OO 1
3942 XXXX OO 0

VIA HONDONADA 91219 SAN DIEGO

WEALTH CODE 6
RANCHO BERNARDO AREA
15038 CLARK Tracey 858-672-4050 +6

VIA HUELVA 92129 SAN DIEGO

WEALTH CODE 7
13720 ATEN Michael OO 8
13721 ATEN Michael OO 8

VIA INCA 92028 FALLBROOK

WEALTH CODE 6
4710 HOLMES Sandra OO 4
4719 HAFERAMP Cathrin 760-729-8558 4

VIA INSPIRAC 92078 SAN MARCOS

WEALTH CODE 6
1602 XXXX OO 0
1614 XXXX OO 0

X VIA JULITA 92024 ENCINITAS

WEALTH CODE 8
303 XXXX OO 0
304 XXXX OO 0

X VIA GRANDON AVE

WEALTH CODE 5
4430 MELGOSA Jose OO 4
4431 KEARNS Russell OO 4

VIA JULITA 92024 ENCINITAS

WEALTH CODE 8
303 XXXX OO 0
304 XXXX OO 0

X ARROYO DR

VIA KINO 92122 SAN DIEGO

WEALTH CODE 6
8108 KLEBA James OO 3
8109 MASTERTON Michael OO 4

VIA CANTERA 92129 SAN DIEGO

WEALTH CODE 7
10018 DEMOFONTE James OO 8
10026 LITZ J OO 8

VIA LA CUESTA 92029 ESCONDIDO

WEALTH CODE 9
1317 PALMERA 760-746-4766 OO 4

X VIA RANCHO PKY

WEALTH CODE 8
12698 SIMAS Jeffrey OO 9
12699 JONES Jeffrey OO 9

VIA JANITA 92010 CARLSBAD

WEALTH CODE 6
2701 DIECKMANN Cheryl OO 4
2702 ALONSO Alex OO 4

VIA JUANITA 92078 SAN MARCOS

WEALTH CODE 7
802 PADILLA Idilio OO 0
803 HERNANDEZ OO 1

X VIA GITANO 92064 POWAY

WEALTH CODE 8
15340 CAMP Elder OO 8
15347 TALBOT Alice OO 8

VIA LA JOLLA 92057 OCEANSIDE

WEALTH CODE 2
4430 MELGOSA Jose OO 4
4431 KEARNS Russell OO 4

VIA LA MIRADA (00) 92082 VALLEY CENTER

WEALTH CODE 5
12642 MAPER Marie 760-749-8364 3
12655 CORREAR Gary E 760-749-8362 3

X MESA CREST RD

WEALTH CODE 5
14910 NIMS Audrey OO 4
14911 NIMS Audrey OO 4

VIA LA ORILLA 92028 FALLBROOK

WEALTH CODE 7
13807 HERRERA Salvador OO 0
13808 HERRERA Salvador OO 0

X WINTER HAVEN RD

WEALTH CODE 7
2329 PERKOFF Cheryl 760-451-0442 4
2372 COOK Guy S 760-451-1573 4

VIA LA PAZ 92069 SAN MARCOS

WEALTH CODE 4
137 PALMERA 760-746-4766 OO 4

X LA PLAZA DR

WEALTH CODE 4
1608 BURWORTH Georgetta 760-510-1440 0

X RAINBOW HEIGHTS RD

WEALTH CODE 4
1406 PECORE Thomas 760-731-1114 4

VIA LAS BRISAS 92069 SAN MARCOS

WEALTH CODE 5
1214 REEVES David OO 3
1215 GUTIERREZ OO +6

VIA LA RANCHA 92069 SAN MARCOS

WEALTH CODE 5
1217 MALE Roger OO 4
1218 PETER Michael OO 0

VIA LA JOLLA 92037 LA JOLLA

WEALTH CODE 9
2020 BELLAMY M G 858-454-3830 0

X VIA LADERA (00) 92029 ESCONDIDO

WEALTH CODE 6
701 ALGOL Leonard OO 1
702 ALLEN Anthony 760-799-1051 2

VIA LADERA 92028 FALLBROOK

WEALTH CODE 4
13871 YORCREEK Kim OO 3

X RAINBOW HEIGHTS RD

WEALTH CODE 4
1406 PECORE Thomas 760-731-1114 4

X N TWIN OAKS VALLEY

WEALTH CODE 0
187 XXXX OO 0
200 FREEMAN Ann OO 0

VIA LA RANCHA 92069 SAN MARCOS

WEALTH CODE 5
1214 REEVES David OO 3
1215 GUTIERREZ OO +6

VIA LA RANCHA 92069 SAN MARCOS

WEALTH CODE 5
1217 MALE Roger OO 4
1218 PETER Michael OO 0

VIA LA JOLLA 92037 LA JOLLA

WEALTH CODE 9
2020 BELLAMY M G 858-454-3830 0

X VIA LADERA (00) 92029 ESCONDIDO

WEALTH CODE 6
701 ALGOL Leonard OO 1
702 ALLEN Anthony 760-799-1051 2

VIA LADERA 92028 FALLBROOK

WEALTH CODE 4
13871 YORCREEK Kim OO 3

X RAINBOW HEIGHTS RD

WEALTH CODE 4
1406 PECORE Thomas 760-731-1114 4

X N TWIN OAKS VALLEY

WEALTH CODE 0
187 XXXX OO 0
200 FREEMAN Ann OO 0

VIA LAJETA 92037 LA JOLLA

WEALTH CODE 9
2020 BELLAMY M G 858-454-3830 0

X VIA LADERA (00) 92029 ESCONDIDO

WEALTH CODE 6
701 ALGOL Leonard OO 1
702 ALLEN Anthony 760-799-1051 2

VIA LADERA 92028 FALLBROOK

WEALTH CODE 4
13871 YORCREEK Kim OO 3

X RAINBOW HEIGHTS RD

WEALTH CODE 4
1406 PECORE Thomas 760-731-1114 4

X N TWIN OAKS VALLEY

WEALTH CODE 0
187 XXXX OO 0
200 FREEMAN Ann OO 0

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

Appendix D
October 13, 2015

Appendix D

SUPPLEMENTAL DOCUMENTATION



PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser, or contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec Consulting Services Inc.

1. Property Information

Property Name Marja Acres

Property Address: 4901 El Camino Real

City: Carlsbad State CA Zip 92008

Property Owner Name: Marja Acres LLC (APN 207-101-37-00)/Hoffman Legacy Trust (APN 207-101-35-00)

Property Owner Phone #: 714-742-1201

2. Contact For Site Access

Name: Jason Han

Company/Organization/Title: New Urban West

Phone # 310-864-2427 E-Mail Address: jasonh@nuwi.com

3. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

Yes No

If yes, describe or attach details of the lien _____



4. Activity and Land Use Limitations. Are you aware of any activity and 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 as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

_____ Yes X No

If yes, describe or attach details of the limitations _____

5. Specialized Knowledge or Experience. As the User of this ESA, 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, such that you would have specialized knowledge about chemicals and processes used by this type of business?

_____ Yes X No

If yes, describe or attach details of your specialized knowledge or experience _____

6. Relationship of Purchase Price to Fair Market Value of Property. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_____ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

 X No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

_____ Not applicable. User is not involved in a purchase of the property.



7. Commonly Known or Reasonably Ascertainable Information. Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?

Yes (describe) General commercial/retail

No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?

Yes (describe) _____

No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

Yes (describe) _____

No

Do you know of any environmental cleanups that have taken place at the property?

Yes (describe) _____

No



8. The Degree of Obviousness of Contamination. E1527-13 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. 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 (describe) _____

No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

Yes (describe) _____

No

Signature: Jonathan Frankel

Name (printed): Jonathan Frankel

Title: Community Development Coordinator

Date: 10/13/15



Lawyers Title Company
350 Camino de la Reina, Suite 101
San Diego, CA 92108
Phone: (858) 650-3900
Fax: (619) 209-3489

MCCANN & CARROLL
2755 JEFFERSON ST. #211
CARLSBAD, CA 92008

Attn: KEVIN MCCANN

Title Officer: Sheila Hollander-So
email: tu38@ltic.com
Phone No.: (858) 650-3900
Fax No.:
File No.: 315314199

Your Reference No:

Property Address: San Diego, California

Amended PRELIMINARY REPORT

Dated as of June 11, 2015 at 7:30 a.m.

In response to the application for a policy of title insurance referenced herein, Lawyers Title Company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitation on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

The policy(s) of title insurance to be issued hereunder will be policy(s) of **Commonwealth Land Title Insurance Company**.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered. It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

SCHEDULE A

The form of policy of title insurance contemplated by this report is:

A Preliminary Report Only

The estate or interest in the land hereinafter described or referred to covered by this report is:

A FEE

Title to said estate or interest at the date hereof is [vested in:](#)

Marja Dawn Selna, Trustee of the Hoffman Legacy Trust dated December 17, 2012 (as to Parcel 1)

Michael W. Selna and Marja Dawn. Selna, Trustees of the Michael W. and Marja D. Selna Family Trust dated September 10, 1981, (as to Parcel 2) and

Michael W. Selna and Marja D. Selna, Trustees of the Family Trust of Michael W. and Marja D. Selna, DTD 9/10/81, as to an undivided 55% interest;

Blake W. Selna and Emily M. Selna, as Trustees of the Blake and Emily and Selna Family Trust dated November 16, 2009, as to an undivided 15% interest;

Kevin J. Selna, a married man as his sole and separate property as to an undivided 15% interest and

Andrew M. Selna, a single man as his sole and separate property, as to an undivided 15% interest, ALL as tenants in common (as to Parcel 3)

The land referred to herein is situated in the County of San Diego, State of California, and is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

EXHIBIT "A"

All that certain real property situated in the County of San Diego, State of California, described as follows:

Parcel 1: (Assessor's Parcel No: 207-101-35)

That portion of Parcel 2 of Certificate of Compliance filed in the Office of the County recorder of San Diego County, September 22, 1982 as File No. 82-293200 of Official Records, described as follows:

Beginning at the Northeast corner of Parcel 2 of said Certificate of Compliance; thence South $01^{\circ}58'54''$ West, 315.79 feet to the Southerly line of said Parcel 2, said point being the Southwest corner of Parcel 1 of said Certificate of Compliance and the Southeast corner of said Parcel 2; thence along said Southerly line South $64^{\circ}58'15''$ West, 1291.66 feet; thence North $76^{\circ}18'48''$ West, 361.82 feet; thence North $18^{\circ}32'12''$ East, 525.56 feet to the Northwest corner of said Parcel 2, said point being the Southwest corner of Parcel 1 of Parcel [Map No. 3451](#); thence North $83^{\circ}17'35''$ East 654.51 feet; thence North $87^{\circ}30'41''$ East 333.00 feet; thence North $77^{\circ}50'00''$ East, 17.64 feet to the Southeast corner of Parcel 1 of Parcel [Map No. 3451](#); thence North $77^{\circ}50'00''$ East, 257.37 feet; thence North $01^{\circ}58'54''$ East 124.51 feet to the Northerly line of said Parcel 2; thence North $87^{\circ}27'37''$ East, 110.00 feet to the point of beginning.

Parcel 2: (Assessor's Parcel No: 207-101-37)

Parcel 1 of Parcel [Map No. 3451](#), in the City of Carlsbad, County of San Diego, State of California, filed in the Office of the County Recorder of San Diego County, January 31, 1975 as File No. 75-023997 of Official Records and a portion of Parcel 2 of Certificate of Compliance filed in the Office of the County Recorder of said San Diego County, September 22, 1982 as File No. 82-293200, together with that portion of Lots I and E of Rancho Agua Hedionda, in the City of Carlsbad, County of San Diego, State of California, according to Map thereof No. 823, filed in the Office of the County Recorder of San Diego County November 16, 1986, lying within El Camino Real (County Road Survey No. 682), as vacated and abandoned by Resolution recorded December 21, 1976 as File No. [76-428052 of Official Records](#), described as follows:

Beginning at the Northwest corner of said parcel 1; thence along the Northerly prolongation of the Westerly line of said Parcel 1, North $18^{\circ}32'12''$ East, 11.32 feet to a point on the arc of a non-tangent 1673.00 foot radius curve concave Northerly a radial line to said point bears South $26^{\circ}43'20''$ West, said curve being Southerly and concentric with the centerline of Road Survey 1800-1, on file in the Office of the County Surveyor of San Diego County; thence Easterly along said curve through a central angle of $22^{\circ}59'39''$ an arc distance of 671.41 feet to a point on the Northerly line of said Parcel 1, a radial line to said point bears North $3^{\circ}43'41''$ East; thence non-tangent to said curve and continuing along the Northerly line of said Parcel 1 North $87^{\circ}27'37''$ East, 205.36 feet to the Northeast corner of said Parcel 1, said point also being the Northwest corner of said Parcel 2; thence along the Northerly line of said Parcel 2 North $87^{\circ}27'37''$ East, 263.56 feet; thence leaving said Northerly line South $01^{\circ}58'54''$ West, 124.51 feet; thence South $77^{\circ}50'00''$ West, 257.37 feet to the Southeast corner of said Parcel 1; thence South $77^{\circ}50'00''$ West, 17.64 feet; thence South $87^{\circ}27'37''$ West, 333.00 feet; thence South $83^{\circ}17'35''$ West, 654.12 feet to the Southwest corner of said Parcel 1, said point also being the Northwest corner of said Parcel 2; thence North $18^{\circ}32'12''$ East, 440.00 feet to the point of beginning.

Parcel 3:

Lot 13 of Carlsbad Tract 71-5, in the City of Carlsbad, County of San Diego, State of California, according to Map thereof No. 7292, filed in the Office of the County Recorder of San Diego County, May 31, 1972.

CLTA Preliminary Report Form – Modified (11-17-06)

Assessor's Parcel No: 207-290-10

SCHEDULE B – Section A

The following exceptions will appear in policies when providing standard coverage as outlined below:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.

SCHEDULE B – Section B

At the date hereof Exceptions to coverage in addition to the printed exceptions and exclusions in said policy form would be as follows:

- A. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2015-2016.
- B. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A; or as a result of changes in ownership or new construction occurring prior to date of policy.

THE FOLLOWING AFFECT PARCELS 1 AND 2:

1. Water rights, claims or title to water, whether or not disclosed by the public records.
2. The privilege and right to extend drainage structures and excavation and embankment slopes beyond the limits of Road Survey 682 where required for the construction and maintenance of said County Highway as granted to County of San Diego in deed recorded March 10, 1936 in [Book 479, Page 341](#) of Official Records.
3. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to:	Carlsbad Mutual Water Company, a Corporation
Purpose:	pipelines
Recorded:	November 3, 1941 in Book 1271, Page 70 of Official Records
Affects:	[said land more particularly described therein.]
4. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to:	San Diego Gas and Electric Company
Purpose:	distribution of electricity
Recorded:	November 27, 1951 in Book 4302, Page 401 of Official Records
Affects:	[said land more particularly described therein.]
5. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to:	San Diego Gas & Electric Company
Purpose:	distribution of electricity
Recorded:	June 1, 1953 in Book 4874, Page 143 of Official Records
Affects:	[said land more particularly described therein.]
6. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to:	San Diego Gas & Electric Company
Purpose:	distribution of electricity
Recorded:	June 1, 1953 in Book 4874, Page 148 of Official Records
Affects:	[said land more particularly described therein.]
7. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to:	San Diego Gas & Electric Company
Purpose:	distribution of electricity
Recorded:	August 9, 1966 as Instrument No. 128725 of Official Records
Affects:	[said land more particularly described therein.]

8. An agreement to which reference is hereby made for full particulars,
- Dated: Not Set Out
By and between: City of Carlsbad and Joy F. Hoffman and Maryon D. Hoffman
Regarding: an agreement for Improvements in a Public right of way
Recorded: July 26, 1972 as [Instrument No. 194226 of Official Records](#)
9. An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: San Diego Gas & Electric Company
Purpose: distribution of electricity
Recorded: July 11, 1974 as [Instrument No. 74-154502 of Official Records](#)
Affects: [said land more particularly described therein.]
10. An agreement to which reference is hereby made for full particulars,
- Dated: November 6, 1974
By and between: City of Carlsbad and Jay F. Hoffman and Maryon D. Hoffman
Regarding: Improvements in a public right of way
Recorded: November 13, 1974 as [Instrument No. 74-300268](#) of Official Records
11. Easements for various utility purposes in, upon, over and across that portion of El Camino Real as vacated as reserved by the County of San Diego in instrument recorded December 21, 1976 as [Instrument No. 76-428052 of Official Records](#)
12. An agreement to which reference is hereby made for full particulars,
- Dated: August 26, 1981
By and between: Arthur D. Anderson and Jay F. Hoffman and City of Carlsbad, a Municipal Corporation
Regarding: payment of a public facilities fee
Recorded: December 15, 1981 as [Instrument No. 81-392461](#) of Official Records
13. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein.
- Lessor: Jay F. and Maryon D. Hoffman
Lessee: Cox California PCS, Inc., a Delaware Corporation
Disclosed by: Memorandum of Lease Agreement
Recorded: November 7, 1996 as [Instrument No. 1996-0564066](#) of Official Records
14. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded December 5, 1996 as [Instrument No. 1996-0609629 of Official Records](#).
- Reference is made to said document for full particulars.
15. An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: City of Carlsbad, a Municipal Corporation
Purpose: open space
Recorded: August 6, 1997 as [Instrument No. 1997-0375383](#) of Official Records
Affects: [said land more particularly described therein.]
- A portion of said easement was terminated by document recorded September 19, 2003 as [Instrument No. 2003-1156491 of Official Records](#).

16. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded September 21, 1998 as [Instrument No. 1998-0601186 of Official Records](#).

Reference is made to said document for full particulars.

17. An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: City of Carlsbad, a Municipal Corporation
Purpose: open space
Recorded: September 28, 2001 as [Instrument No. 2001-0703336](#) of Official Records
Affects: [said land more particularly described therein.]

18. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded October 2, 2001 as [Instrument No. 2001-0710483 of Official Records](#).

Reference is made to said document for full particulars.

19. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded September 20, 2002 as [Instrument No. 2002-0810060 of Official Records](#).

Reference is made to said document for full particulars.

20. The matters contained in a document entitled "Encroachment Agreement" by and between City of Carlsbad and Jay F. Hoffman and Maryon D. Hoffman recorded October 6, 2003 as [Instrument No. 2003-1229935 of Official Records](#).

Reference is made to said document for full particulars.

21. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded April 8, 2004 as [Instrument No. 2004-0300272 of Official Records](#).

Reference is made to said document for full particulars.

22. An easement for the purpose shown below and rights incidental thereto as set forth in a document
Granted to: City of Carlsbad, a Municipal Corporation
Purpose: open space
Recorded: July 23, 2004
Affects: as [Instrument No. 2004-0691456 of Official Records](#)

23. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein.

Lessor: Jay Franklin Hoffman and Maryon Dooley Hoffman, Co-Trustees
U.T.D. October 2, 1984
Lessee: Verizon Wireless (VAW) LLC, a Delaware limited liability company
d/b/a Verizon Wireless
Disclosed by: Memorandum of Lease
Recorded: April 26, 2006 as [Instrument No. 2006-0291322 of Official Records](#)

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

24. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded June 6, 2006 as [Instrument No. 2006-0398659 of Official Records](#).

Reference is made to said document for full particulars.

25. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein.

Lessor: Jay F & Maryon D. Hoffman
Lessee: Nextel of California, Inc., a Delaware Corporation
Disclosed by: Assignment and Assumption of Ground Lease
Recorded: August 17, 2009 as [Instrument No. 2009-0459900](#) of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

Assignment of the lessee's interest under said lease,

Assignor: Nextel of California, Inc., a Delaware Corporation
Assignee: Tower Entity 7 LLC, a Delaware limited liability company
Recorded: August 17, 2009 as [Instrument No. 2009-0459900](#) of Official Records

26. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded November 17, 2009 as [Instrument No. 2009-0640323 of Official Records](#) of Official Records.

Reference is made to said document for full particulars.

27. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded January 13, 2010 as [Instrument No. 2010-0018219 of Official Records](#).

Reference is made to said document for full particulars.

28. The matters contained in a document entitled "Notice of Restriction on Real Property" recorded February 16, 2010 as [Instrument No. 2010-0076420 of Official Records](#).

Reference is made to said document for full particulars.

29. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein.

Lessor: Marja Acres, LLC, a California limited liability company
Lessee: Towerco Assets LLC, a Delaware limited liability company
Disclosed by: Memorandum of Agreement
Recorded: February 23, 2010 as [Instrument No. 2010-0089717](#) of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

30. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: April 20, 2012
Recording No: as [Instrument No. 2012-0232521 of Official Records](#)

31. Certificate of Compliance for Adjustment Plat (Section 66412 (d) of the Government Code)

Recording Date: May 30, 2013
Recording No.: as [Instrument No. 2013-0338926 of Official Records](#)

Reference is hereby made to said document for full particulars.

32. Certificate of Compliance for Adjustment Plat (Section 66412(D) of the Government Code)

Recording Date: May 30, 2013
Recording No.: as [Instrument No. 2013-0338927 of Official Records](#)

Reference is hereby made to said document for full particulars.

33. Easement(s) for the purpose(s) shown below and rights incidental thereto as set forth in a document:

In favor of: San Diego Gas & Electric Company, a Corporation
Purpose: right of way to erect, construct, change the size of, improve, reconstruct, relocate, repair, maintain and use facilities
Recording Date: February 14, 2014
Recording No: as [Instrument No. 2014-0063090 of Official Records](#)
Affects: said land more particularly described therein

34. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled: Memorandum of Lease as evidenced by Assignment
Lessor: Jay Franklin Hoffman and Maryon Dooley Hoffman, Co-Trustees, UTD October 2, 1984
Lessee: Pacific Bell Mobile Services, a California Corporation
Recording Date: April 13, 2015
Recording No: as Instrument No. 2015-0174529, of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

35. Matters contained in that certain document

Entitled: [Assignment](#)
Dated: April 10, 2014
Executed by: CCTM1 LLC, a Delaware Limited Liability Company, fka T3 Tower1 LLC
Recording Date: April 13, 2015
Recording No: as Instrument No. 2015-0174529, of Official Records

Reference is hereby made to said document for full particulars.

THE FOLLOWING AFFECT PARCEL 3:

36. Water rights, claims or title to water, whether or not disclosed by the public records.

37. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: May 31, 1972
Recording No: as [Instrument No. 137736](#) for

Said covenants, conditions and restrictions provide that a violation thereof shall not defeat the lien of any mortgage or deed of trust made in good faith and for value.

THE FOLLOWING AFFECTS ALL PARCELS:

38. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.
39. Matters which may be disclosed by an inspection and/or by a correct ALTA/ACSM Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.
40. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

41. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.
42. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters which a correct survey would disclose and which are not shown by the public records.

END OF SCHEDULE B EXCEPTIONS

PLEASE REFER TO THE "NOTES AND REQUIREMENTS SECTION" WHICH FOLLOWS FOR INFORMATION NECESSARY TO COMPLETE THIS TRANSACTION

REQUIREMENTS SECTION:

Req. No. 1: In order to complete this report, the Company requires a Statement of Information to be completed by the following party(s),

Party(s): ALL PARTIES

The Company reserves the right to add additional items or make further requirements after review of the requested Statement of Information.

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

Req. No. 2: The Company will require that the spouse of the vestee named below join in any conveyance or encumbrance prior to the issuance of any Policy of Title Insurance.

Vestee: Kevin J. Selna

Req. No. 3: The Company will require that it be provided with either (i) a complete copy of the trust agreement and any amendments thereto certified by the trustee(s) to be a true and complete copy with respect to the hereinafter named trust, or (ii) a Certification, pursuant to California Probate Code Section 18100.5, executed by all of the current trustee(s) of the hereinafter named trust, a form of which is attached.

Trust: Hoffman Legacy Trust dated December 17, 2012

Req. No. 4: The Company will require that it be provided with either (i) a complete copy of the trust agreement and any amendments thereto certified by the trustee(s) to be a true and complete copy with respect to the hereinafter named trust, or (ii) a Certification, pursuant to California Probate Code Section 18100.5, executed by all of the current trustee(s) of the hereinafter named trust, a form of which is attached.

Trust: Family Trust of Michael W. and Marja D. Selna DTD 9/10/91

Req. No. 5: The Company will require that it be provided with either (i) a complete copy of the trust agreement and any amendments thereto certified by the trustee(s) to be a true and complete copy with respect to the hereinafter named trust, or (ii) a Certification, pursuant to California Probate Code Section 18100.5, executed by all of the current trustee(s) of the hereinafter named trust, a form of which is attached.

Trust: Blake and Emily Selna Family Trust dated November 16, 2009

Req. No. 6: The Company requires a Statement of Information from the parties named below in order to complete this report, based on the effect of documents, proceedings, liens, decrees, or other matters which do not specifically describe said Land, but which, if any do exist, may affect the title or impose liens or encumbrances thereon. After review of the requested Statement(s) of Information, the Company may have additional requirements before the issuance of any policy of title insurance.

No names were furnished with the application. Please have the buyers furnish the Statement of Information as soon as possible.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

NOTE: The Statement of Information is necessary to complete the search and examination of title under this order. Any title search includes matters that are indexed by name only, and having a completed Statement of Information assists the Company in the elimination of certain matters which appear to involve the parties but in fact affect another party with the same or similar name. Be assured that the Statement of Information is essential and will be kept strictly confidential to this file.

INFORMATIONAL NOTES SECTION

- Note No. 1: The information on the attached plat is provided for your convenience as a guide to the general location of the subject property. The accuracy of this plat is not guaranteed, nor is it a part of any policy, report or guarantee to which it may be attached.
- Note No. 2: California insurance code section 12413.1 regulates the disbursement of escrow and sub-escrow funds by title companies. The law requires that funds be deposited in the title company escrow account and available for withdrawal prior to disbursement. Funds deposited with the company by wire transfer may be disbursed upon receipt. Funds deposited with the company by cashier's check or teller's check drawn on a California based bank may be disbursed on the next business day after the day of deposit. If funds are deposited with the company by other methods, recording and/or disbursement may be delayed. All escrow and sub-escrow funds received by the company will be deposited with other escrow funds in one or more non-interest bearing escrow accounts of the company in a financial institution selected by the company. The company may receive certain direct or indirect benefits from the financial institution by reason of the deposit of such funds or the maintenance of such accounts with such financial institution, and the company shall have no obligation to account to the depositing party in any manner for the value of, or to pay to such party, any benefit received by the company. Those benefits may include, without limitation, credits allowed by such financial institution on loans to the company or its parent company and earnings on investments made with the proceeds of such loans, accounting, reporting and other services and products of such financial institution. Such benefits shall be deemed additional compensation of the company for its services in connection with the escrow or sub-escrow.

For wiring Instructions please contact your Title Officer or Title Company Escrow officer.

- Note No. 3: Lawyers Title is a division of Commonwealth Land Title Insurance Company. The insurer in policies of title insurance, when issued in this transaction, will be Commonwealth Land Title Insurance Company.
- Note No. 4: Property taxes, including any personal property taxes and any assessments collected with taxes, are paid. For proration purposes the amounts were:

<u>Tax Identification No.:</u>	<u>207-101-35-00</u>
Fiscal Year:	2014-2015
1 st Installment:	\$1,781.31
2 nd Installment:	\$1,781.31
Exemption:	-0-
Code Area:	09000

- Note No. 5: Property taxes, including any personal property taxes and any assessments collected with taxes, are paid. For proration purposes the amounts were:

<u>Tax Identification No.:</u>	<u>207-101-37-00</u>
Fiscal Year:	2014-2015
1 st Installment:	\$4,212.15
2 nd Installment:	\$4,212.15
Exemption:	-0-
Code Area:	09000

Note No. 6: Property taxes, including any personal property taxes and any assessments collected with taxes, are paid. For proration purposes the amounts were:

<u>Tax Identification No.:</u>	<u>207-290-10-00</u>
Fiscal Year:	2014-2015
1 st Installment:	\$2,327.45
2 nd Installment:	\$2,327.45
Exemption:	-0-
Code Area:	09000

Processor: cph / SAH
Date Typed: June 26, 2015

Attachment One (Revised 06-05-14)

**CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE POLICY – 1990**

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
 - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
 - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
 - (c) resulting in no loss or damage to the insured claimant;
 - (d) attaching or created subsequent to Date of Policy; or
 - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE—SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

Attachment One (6-5-14)

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**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE**

EXCLUSIONS

- In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:
1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
 - a. building;
 - b. zoning;
 - c. land use;
 - d. improvements on the Land;
 - e. land division; and
 - f. environmental protection.

This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
 2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
 3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
 4. Risks:
 - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
 - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
 - c. that result in no loss to You; or
 - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
 5. Failure to pay value for Your Title.
 6. Lack of a right:
 - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
 - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
 7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
 8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
 9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$ 10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or \$2,500.00 (whichever is less)	\$5,000.00

Attachment One (6-5-14)

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2006 ALTA LOAN POLICY (06-17-06)
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13 or 14); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

Except as provided in Schedule B - Part II, this policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

PART I

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.

PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:

Attachment One (6-5-14)

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2006 ALTA OWNER'S POLICY (06-17-06)**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer; or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. Variable exceptions such as taxes, easements, CC&R's, etc. shown here.

Attachment One (6-5-14)

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ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;
 or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

Attachment One (6-5-14)

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Lawyers Title Company
350 Camino de la Reina, Suite 101
San Diego, CA 92108
Phone: (858) 650-3900
Fax: (619) 209-3489

Order No. 315314199

Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

FNF Underwritten Title Company
LTC – Lawyers Title Company

FNF Underwriter
CLTIC – Commonwealth Land Title Insurance Co.

Available Discounts

DISASTER LOANS (CLTIC)

The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within 24 months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be 50% of the appropriate title insurance rate.

EMPLOYEE RATE (LTC and CLTIC)

No charge shall be made to employees (including employees on approved retirement) of the Company or its underwritten, subsidiary or affiliated title companies for policies or escrow services in connection with financing, refinancing, sale or purchase of the employees' bona fide home property. Waiver of such charges is authorized only in connection with those costs which the employee would be obligated to pay, by established custom, as a party to the transaction.

FIDELITY NATIONAL FINANCIAL PRIVACY NOTICE

Fidelity National Financial, Inc. and its majority-owned subsidiary companies providing real estate- and loan-related services (collectively, “FNF”, “our” or “we”) respect and are committed to protecting your privacy. This Privacy Notice lets you know how and for what purposes your Personal Information (as defined herein) is being collected, processed and used by FNF. We pledge that we will take reasonable steps to ensure that your Personal Information will only be used in ways that are in compliance with this Privacy Notice. The provision of this Privacy Notice to you does not create any express or implied relationship, or create any express or implied duty or other obligation, between Fidelity National Financial, Inc. and you. See also **No Representations or Warranties** below.

This Privacy Notice is only in effect for any generic information and Personal Information collected and/or owned by FNF, including collection through any FNF website and any online features, services and/or programs offered by FNF (collectively, the “Website”). This Privacy Notice is not applicable to any other web pages, mobile applications, social media sites, email lists, generic information or Personal Information collected and/or owned by any entity other than FNF.

How Information is Collected

The types of personal information FNF collects may include, among other things (collectively, “Personal Information”): (1) contact information (e.g., name, address, phone number, email address); (2) demographic information (e.g., date of birth, gender marital status); (3) Internet protocol (or IP) address or device ID/UDID; (4) social security number (SSN), student ID (SIN), driver’s license, passport, and other government ID numbers; (5) financial account information; and (6) information related to offenses or criminal convictions.

In the course of our business, we may collect Personal Information about you from the following sources:

- Applications or other forms we receive from you or your authorized representative;
- Information we receive from you through the Website;
- Information about your transactions with or services performed by us, our affiliates, or others; and
- From consumer or other reporting agencies and public records maintained by governmental entities that we either obtain directly from those entities, or from our affiliates or others.

Additional Ways Information is Collected Through the Website

Browser Log Files. Our servers automatically log each visitor to the Website and collect and record certain information about each visitor. This information may include IP address, browser language, browser type, operating system, domain names, browsing history (including time spent at a domain, time and date of your visit), referring/exit web pages and URLs, and number of clicks. The domain name and IP address reveal nothing personal about the user other than the IP address from which the user has accessed the Website.

Cookies. From time to time, FNF or other third parties may send a “cookie” to your computer. A cookie is a small piece of data that is sent to your Internet browser from a web server and stored on your computer’s hard drive and that can be re-sent to the serving website on subsequent visits. A cookie, by itself, cannot read other data from your hard disk or read other cookie files already on your computer. A cookie, by itself, does not damage your system. We, our advertisers and other third parties may use cookies to identify and keep track of, among other things, those areas of the Website and third party websites that you have visited in the past in order to enhance your next visit to the Website. You can choose whether or not to accept cookies by changing the settings of your Internet browser, but some functionality of the Website may be

impaired or not function as intended. See the [Third Party Opt Out](#) section below.

Web Beacons. Some of our web pages and electronic communications may contain images, which may or may not be visible to you, known as Web Beacons (sometimes referred to as “clear gifs”). Web Beacons collect only limited information that includes a cookie number; time and date of a page view; and a description of the page on which the Web Beacon resides. We may also carry Web Beacons placed by third party advertisers. These Web Beacons do not carry any Personal Information and are only used to track usage of the Website and activities associated with the Website. See the [Third Party Opt Out](#) section below.

Unique Identifier. We may assign you a unique internal identifier to help keep track of your future visits. We may use this information to gather aggregate demographic information about our visitors, and we may use it to personalize the information you see on the Website and some of the electronic communications you receive from us. We keep this information for our internal use, and this information is not shared with others.

Third Party Opt Out. Although we do not presently, in the future we may allow third-party companies to serve advertisements and/or collect certain anonymous information when you visit the Website. These companies may use non-personally identifiable information (e.g., click stream information, browser type, time and date, subject of advertisements clicked or scrolled over) during your visits to the Website in order to provide advertisements about products and services likely to be of greater interest to you. These companies typically use a cookie or third party Web Beacon to collect this information, as further described above. Through these technologies, the third party may have access to and use non-personalized information about your online usage activity.

You can opt-out of certain online behavioral services through any one of the ways described below. After you opt-out, you may continue to receive advertisements, but those advertisements will no longer be as relevant to you.

- You can opt-out via the Network Advertising Initiative industry opt-out at <http://www.networkadvertising.org/>.
- You can opt-out via the Consumer Choice Page at www.aboutads.info.
- For those in the U.K., you can opt-out via the IAB UK’s industry opt-out at www.youronlinechoices.com.
- You can configure your web browser (Chrome, Firefox, Internet Explorer, Safari, etc.) to delete and/or control the use of cookies.

More information can be found in the Help system of your browser. Note: If you opt-out as described above, you should not delete your cookies. If you delete your cookies, you will need to opt-out again.

Use of Personal Information

Information collected by FNF is used for three main purposes:

- To provide products and services to you or one or more third party service providers (collectively, “Third Parties”) who are obtaining services on your behalf or in connection with a transaction involving you.
- To improve our products and services that we perform for you or for Third Parties.
- To communicate with you and to inform you about FNF’s, FNF’s affiliates and third parties’ products and services.

When Information Is Disclosed By FNF

We may provide your Personal Information (excluding information we receive from consumer or other credit reporting agencies) to various individuals and companies, as permitted by law, without obtaining your prior authorization. Such laws do not allow consumers to restrict these disclosures. Disclosures may include, without limitation, the following:

- To agents, brokers, representatives, or others to provide you with services you have requested, and to enable us to detect or prevent criminal activity, fraud, material misrepresentation, or nondisclosure in connection with an insurance transaction;
- To third-party contractors or service providers who provide services or perform marketing services or other functions on our behalf;
- To law enforcement or other governmental authority in connection with an investigation, or civil or criminal subpoenas or court orders; and/or
- To lenders, lien holders, judgment creditors, or other parties claiming an encumbrance or an interest in title whose claim or interest must be determined, settled, paid or released prior to a title or escrow closing.

In addition to the other times when we might disclose information about you, we might also disclose information when required by law or in the good-faith belief that such disclosure is necessary to: (1) comply with a legal process or applicable laws; (2) enforce this Privacy Notice; (3) respond to claims that any materials, documents, images, graphics, logos, designs, audio, video and any other information provided by you violates the rights of third parties; or (4) protect the rights, property or personal safety of FNF, its users or the public.

We maintain reasonable safeguards to keep the Personal Information that is disclosed to us secure. We provide Personal Information and non-Personal Information to our subsidiaries, affiliated companies, and other businesses or persons for the purposes of processing such information on our behalf and promoting the services of our trusted business partners, some or all of which may store your information on servers outside of the United States. We require that these parties agree to process such information in compliance with our Privacy Notice or in a similar, industry-standard manner, and we use reasonable efforts to limit their use of such information and to use other appropriate confidentiality and security measures. The use of your information by one of our trusted business partners may be subject to that party's own Privacy Notice. We do not, however, disclose information we collect from consumer or credit reporting agencies with our affiliates or others without your consent, in conformity with applicable law, unless such disclosure is otherwise permitted by law.

We also reserve the right to disclose Personal Information and/or non-Personal Information to take precautions against liability, investigate and defend against any third-party claims or allegations, assist government enforcement agencies, protect the security or integrity of the Website, and protect the rights, property, or personal safety of FNF, our users or others.

We reserve the right to transfer your Personal Information, as well as any other information, in connection with the sale or other disposition of all or part of the FNF business and/or assets. We also cannot make any representations regarding the use or transfer of your Personal Information or other information that we may have in the event of our bankruptcy, reorganization, insolvency, receivership or an assignment for the benefit of creditors, and you expressly agree and consent to the use and/or transfer of your Personal Information or other information in connection with a sale or transfer of some or all of our assets in any of the above described proceedings. Furthermore, we cannot and will not be responsible for any breach of security by any third parties or for any actions of any third parties that receive any of the information that is disclosed to us.

Information From Children

We do not collect Personal Information from any person that we know to be under the age of thirteen (13). Specifically, the Website is not intended or designed to attract children under the age of thirteen (13). You affirm that you are either more than 18 years of age, or an emancipated minor, or possess legal parental or guardian consent, and are fully able and competent to enter into the terms, conditions, obligations, affirmations, representations, and warranties set forth in this Privacy Notice, and to abide by and comply with this Privacy Notice. In any case, you affirm that you are over the age of 13, as **THE WEBSITE IS NOT INTENDED FOR CHILDREN UNDER 13 THAT ARE UNACCOMPANIED BY HIS OR HER PARENT OR LEGAL GUARDIAN.**

Parents should be aware that FNF's Privacy Notice will govern our use of Personal Information, but also that information that is voluntarily given by children – or others – in email exchanges, bulletin boards or the like may be used by other parties to generate unsolicited communications. FNF encourages all parents to instruct their children in the safe and responsible use of their Personal Information while using the Internet.

Privacy Outside the Website

The Website may contain various links to other websites, including links to various third party service providers. FNF is not and cannot be responsible for the privacy practices or the content of any of those other websites. Other than under agreements with certain reputable organizations and companies, and except for third party service providers whose services either we use or you voluntarily elect to utilize, we do not share any of the Personal Information that you provide to us with any of the websites to which the Website links, although we may share aggregate, non-Personal Information with those other third parties. Please check with those websites in order to determine their privacy policies and your rights under them.

European Union Users

If you are a citizen of the European Union, please note that we may transfer your Personal Information outside the European Union for use for any of the purposes described in this Privacy Notice. By providing FNF with your Personal Information, you consent to both our collection and such transfer of your Personal Information in accordance with this Privacy Notice.

Choices With Your Personal Information

Whether you submit Personal Information to FNF is entirely up to you. You may decide not to submit Personal Information, in which case FNF may not be able to provide certain services or products to you.

You may choose to prevent FNF from disclosing or using your Personal Information under certain circumstances ("opt out"). You may opt out of any disclosure or use of your Personal Information for purposes that are incompatible with the purpose(s) for which it was originally collected or for which you subsequently gave authorization by notifying us by one of the methods at the end of this Privacy Notice. Furthermore, even where your Personal Information is to be disclosed and used in accordance with the stated purposes in this Privacy Notice, you may elect to opt out of such disclosure to and use by a third party that is not acting as an agent of FNF. As described above, there are some uses from which you cannot opt-out.

Please note that opting out of the disclosure and use of your Personal Information as a prospective employee may prevent you from being hired as an employee by FNF to the extent that provision of your Personal Information is required to apply for an open position.

If FNF collects Personal Information from you, such information will not be disclosed or used by FNF for purposes that are incompatible with the purpose(s) for which it was originally collected or for which you

subsequently gave authorization unless you affirmatively consent to such disclosure and use.

You may opt out of online behavioral advertising by following the instructions set forth above under the above section "Additional Ways That Information Is Collected Through the Website," subsection "Third Party Opt Out."

Access and Correction

To access your Personal Information in the possession of FNF and correct inaccuracies of that information in our records, please contact us in the manner specified at the end of this Privacy Notice. We ask individuals to identify themselves and the information requested to be accessed and amended before processing such requests, and we may decline to process requests in limited circumstances as permitted by applicable privacy legislation.

Your California Privacy Rights

Under California's "Shine the Light" law, California residents who provide certain personally identifiable information in connection with obtaining products or services for personal, family or household use are entitled to request and obtain from us once a calendar year information about the customer information we shared, if any, with other businesses for their own direct marketing uses. If applicable, this information would include the categories of customer information and the names and addresses of those businesses with which we shared customer information for the immediately prior calendar year (e.g., requests made in 2015 will receive information regarding 2014 sharing activities).

To obtain this information on behalf of FNF, please send an email message to privacy@fnf.com with "Request for California Privacy Information" in the subject line and in the body of your message. We will provide the requested information to you at your email address in response.

Please be aware that not all information sharing is covered by the "Shine the Light" requirements and only information on covered sharing will be included in our response.

Additionally, because we may collect your Personal Information from time to time, California's Online Privacy Protection Act requires us to disclose how we respond to "do not track" requests and other similar mechanisms. Currently, our policy is that we do not recognize "do not track" requests from Internet browsers and similar devices.

FNF Compliance with California Online Privacy Protection Act

For some websites which FNF or one of its companies owns, such as the Customer CareNet ("CCN"), FNF is acting as a third party service provider to a mortgage loan servicer. In those instances, we may collect certain information on behalf of that mortgage loan servicer for fulfilling a service to that mortgage loan servicer. For example, you may access CCN to complete a transaction with your mortgage loan servicer. During this transaction, the information which we may collect on behalf of the mortgage loan servicer is as follows:

- First and Last Name
- Property Address
- User Name
- Password
- Loan Number
- Social Security Number - masked upon entry
- Email Address
- Three Security Questions and Answers
- IP Address

The information you submit is then transferred to your mortgage loan servicer by way of CCN.

The mortgage loan servicer is responsible for taking action or making changes to any consumer information submitted through this website. For example, if you believe that your payment or user information is incorrect, you must contact your mortgage loan servicer.

CCN does not share consumer information with third parties, other than those with which the mortgage loan servicer has contracted to interface with the CCN application.

All sections of the FNF Privacy Notice apply to your interaction with CCN, except for the sections titled Choices with Your Personal Information and Access and Correction. If you have questions regarding the choices you have with regard to your personal information or how to access or correct your personal information, you should contact your mortgage loan servicer.

No Representations or Warranties

By providing this Privacy Notice, Fidelity National Financial, Inc. does not make any representations or warranties whatsoever concerning any products or services provided to you by its majority-owned subsidiaries. In addition, you also expressly agree that your use of the Website is at your own risk. Any services provided to you by Fidelity National Financial, Inc. and/or the Website are provided "as is" and "as available" for your use, without representations or warranties of any kind, either express or implied, unless such warranties are legally incapable of exclusion. Fidelity National Financial, Inc. makes no representations or warranties that any services provided to you by it or the Website, or any services offered in connection with the Website are or will remain uninterrupted or error-free, that defects will be corrected, or that the web pages on or accessed through the Website, or the servers used in connection with the Website, are or will remain free from any viruses, worms, time bombs, drop dead devices, Trojan horses or other harmful components. Any liability of Fidelity National Financial, Inc. and your exclusive remedy with respect to the use of any product or service provided by Fidelity National Financial, Inc. including on or accessed through the Website, will be the re-performance of such service found to be inadequate.

Your Consent To This Privacy Notice

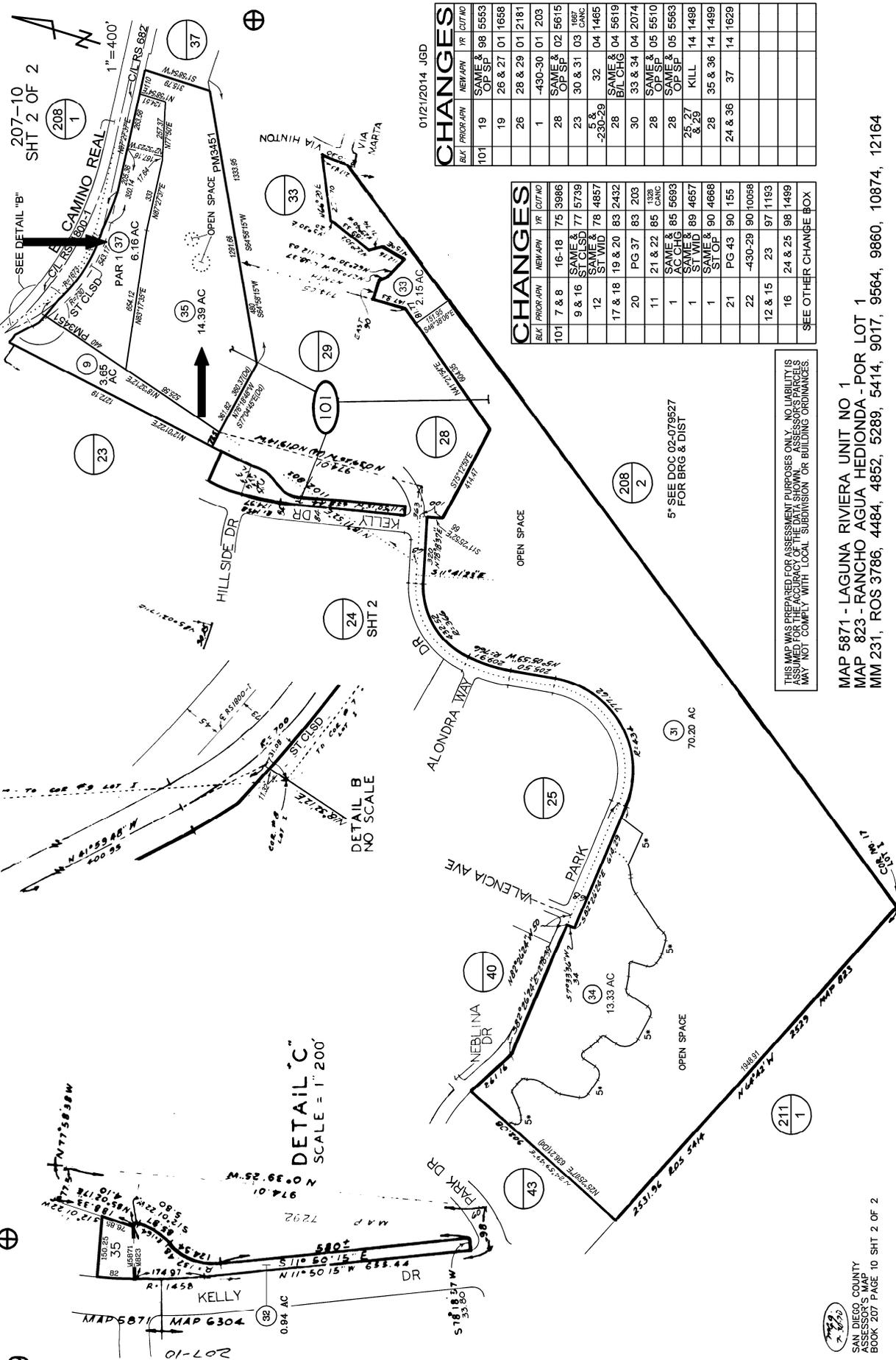
By submitting Personal Information to FNF, you consent to the collection and use of information by us as specified above or as we otherwise see fit, in compliance with this Privacy Notice, unless you inform us otherwise by means of the procedure identified below. If we decide to change this Privacy Notice, we will make an effort to post those changes on the Website. Each time we collect information from you following any amendment of this Privacy Notice will signify your assent to and acceptance of its revised terms for all previously collected information and information collected from you in the future. We may use comments, information or feedback that you may submit in any manner that we may choose without notice or compensation to you.

If you have additional questions or comments, please let us know by sending your comments or requests to:

Fidelity National Financial, Inc.
601 Riverside Avenue
Jacksonville, Florida 32204
Attn: Chief Privacy Officer
(888) 934-3354
privacy@fnf.com

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EFFECTIVE AS OF: MAY 1, 2015



09

207-10
SHT 2 OF 2

SEE DETAIL "B"

208
1

365
9

23

14.39 AC

35

29

101

28

24
SHT 2

25

31
70.20 AC

208
2

34
13.33 AC

40

39

38

43

211
1

0.94 AC

33.80'

DETAIL "B"
NO SCALE

DETAIL "C"
SCALE = 1" = 200'

MAP 587

MAP 6304

MAP 823

01/21/2014 JGD

BLK	PROJ	NEW	YR	CD	NO
101	19	SAME & OP SP	98	5563	
	19	26 & 27	01	1668	
	26	28 & 29	01	2181	
	1	-430-30	01	203	
	28	SAME & OP SP	02	5615	
	23	30 & 31	03	1887	
	5 & -230-29	CANC	32	04	1465
	28	SAME & BLD CHG	04	5619	
	30	33 & 34	04	2074	
	28	SAME & OP SP	05	5510	
	28	SAME & AC CHG	05	5563	
	25, 27 & 29	KILL	14	1488	
	28	35 & 36	14	1489	
	24 & 36	37	14	1629	

BLK	PROJ	NEW	YR	CD	NO
101	7 & 8	16-18	75	3986	
	9 & 16	SAME & ST CLSD	77	5739	
	12	SAME & ST WID	78	4857	
	17 & 18	19 & 20	83	2432	
	20	PG 37	83	203	
	11	21 & 22	85	1326	
	1	SAME & AC CHG	85	5693	
	1	SAME & ST WID	88	4657	
	1	SAME & ST WID	90	4668	
	21	PG 43	90	155	
	22	-430-29	90	10068	
	12 & 15	23	97	1193	
	16	24 & 25	98	1489	

5" SEE DOC 02-07-9827 FOR BRG & DIST

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

MAP 5871 - LAGUNA RIVIERA UNIT NO 1
 MAP 823 - RANCHO AGUA HEDIONDA - POR LOT 1
 MM 231, ROS 3786, 4484, 4852, 5289, 5414, 9017, 9564, 9860, 10874, 12164

CERTIFICATION OF TRUST
California Probate Code Section 18100.5

The undersigned declare(s) under penalty of perjury under the laws of the State of California that the following is true and correct:

1. The Trust known as _____,
executed on _____, is a valid and existing trust.
2. The names of the settlors of the Trust are:

3. The names of the currently acting trustees are:

4. The trustees of the Trust have the following powers (initial applicable line(s)):
 Power to acquire additional property.
 Power to sell and execute deeds.
 Power to encumber, and execute deeds of trust.
 Other:

5. The Trust is (check one): Revocable Irrevocable
If revocable, who may revoke the Trust?

6. Are all trustees required to execute the powers of the trustee? Yes No
If no, explain trustee's authority:

7. Title to Trust assets is to be taken as follows:

8. The Trust has not been revoked, modified or amended in any manner which would cause the representations contained herein to be incorrect.
9. The trustees signing below are all of the currently acting trustees.
10. The trustees signing below may be required to provide copies of excerpts from the original Trust documents which designate the trustees and confer the power to act in the pending transaction.

Dated: _____

Print Name: _____ Print Name: _____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
) SS.
COUNTY OF _____)

On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

CERTIFICATION OF TRUST
California Probate Code Section 18100.5

The undersigned declare(s) under penalty of perjury under the laws of the State of California that the following is true and correct:

1. The Trust known as _____,
executed on _____, is a valid and existing trust.
2. The names of the settlors of the Trust are:

3. The names of the currently acting trustees are:

4. The trustees of the Trust have the following powers (initial applicable line(s)):
 Power to acquire additional property.
 Power to sell and execute deeds.
 Power to encumber, and execute deeds of trust.
 Other:

5. The Trust is (check one): Revocable Irrevocable
If revocable, who may revoke the Trust?

6. Are all trustees required to execute the powers of the trustee? Yes No
If no, explain trustee's authority:

7. Title to Trust assets is to be taken as follows:

8. The Trust has not been revoked, modified or amended in any manner which would cause the representations contained herein to be incorrect.
9. The trustees signing below are all of the currently acting trustees.
10. The trustees signing below may be required to provide copies of excerpts from the original Trust documents which designate the trustees and confer the power to act in the pending transaction.

Dated: _____

Print Name: _____

Print Name: _____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
) SS.
COUNTY OF _____)

On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

Order No: 315314199 - LTSD - Sheila Hollander-So

California Probate Code Section 18100.5

The undersigned declare(s) under penalty of perjury under the laws of the State of California that the following is true and correct:

- 1. The Trust known as _____, executed on _____, is a valid and existing trust.
- 2. The names of the settlors of the Trust are: _____
- 3. The names of the currently acting trustees are: _____
- 4. The trustees of the Trust have the following powers (initial applicable line(s)):
 _____ Power to acquire additional property.
 _____ Power to sell and execute deeds.
 _____ Power to encumber, and execute deeds of trust.
 _____ Other: _____
- 5. The Trust is (check one): _____ Revocable _____ Irrevocable
 If revocable, who may revoke the Trust? _____
- 6. Are all trustees required to execute the powers of the trustee? _____ Yes _____ No
 If no, explain trustee's authority: _____
- 7. Title to Trust assets is to be taken as follows: _____
- 8. The Trust has not been revoked, modified or amended in any manner which would cause the representations contained herein to be incorrect.
- 9. The trustees signing below are all of the currently acting trustees.
- 10. The trustees signing below may be required to provide copies of excerpts from the original Trust documents which designate the trustees and confer the power to act in the pending transaction.

Dated: _____

Print Name: _____

Print Name: _____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
) SS.
COUNTY OF _____)

On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND SHALLOW SOIL SAMPLING

0
October 13, 2015

APPENDIX E LABOARTORY ANALYTICAL REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-122379-1

Client Project/Site: MAGRA

For:

Stantec Consulting Corp.

25864-F Business Center Dr.

Redlands, California 92374

Attn: Jim DeWoody



Authorized for release by:

10/1/2015 1:39:50 PM

Lena Davidkova, Project Manager II

(949)261-1022

lena.davidkova@testamericainc.com

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results through

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-122379-1	HA-1-1	Solid	09/23/15 10:28	09/24/15 17:25
440-122379-3	HA-2-1	Solid	09/23/15 10:19	09/24/15 17:25
440-122379-5	HA-3-1	Solid	09/23/15 10:10	09/24/15 17:25
440-122379-7	HA-4-1	Solid	09/23/15 10:58	09/24/15 17:25
440-122379-9	HA-5-1	Solid	09/23/15 11:21	09/24/15 17:25
440-122379-11	HA-6-1	Solid	09/23/15 11:41	09/24/15 17:25
440-122379-13	HA-7-1	Solid	09/23/15 13:03	09/24/15 17:25
440-122379-15	HA-8-1	Solid	09/23/15 12:49	09/24/15 17:25
440-122379-17	HA-9-1	Solid	09/23/15 12:30	09/24/15 17:25
440-122379-19	HA-10-1	Solid	09/23/15 12:19	09/24/15 17:25
440-122379-21	HA-11-1	Solid	09/23/15 12:04	09/24/15 17:25
440-122379-23	HA-12-1	Solid	09/23/15 11:49	09/24/15 17:25
440-122379-25	HA-13-1	Solid	09/23/15 11:33	09/24/15 17:25
440-122379-27	HA-14-1	Solid	09/23/15 15:13	09/24/15 17:25
440-122379-29	HA-15-1	Solid	09/23/15 15:01	09/24/15 17:25
440-122379-31	HA-16-1	Solid	09/23/15 09:53	09/24/15 17:25
440-122379-33	HA-17-1	Solid	09/23/15 14:02	09/24/15 17:25
440-122379-35	HA-18-1	Solid	09/23/15 14:12	09/24/15 17:25
440-122379-37	HA-19-1	Solid	09/23/15 14:30	09/24/15 17:25
440-122379-39	HA-20-1	Solid	09/23/15 14:42	09/24/15 17:25

Case Narrative

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Job ID: 440-122379-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-122379-1

Comments

No additional comments.

Receipt

The samples were received on 9/24/2015 5:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.8° C.

GC Semi VOA

Method(s) 8081A: The closing continuing calibration verification (CCV) standard associated with batch 440-283538 failed to meet acceptance limits. The associated samples were re-analyzed following a successful CCV and produced similar results, indicating that the sample matrix is adversely affecting the instrument and causing the failures. HA-1-1 (440-122379-1), HA-2-1 (440-122379-3), HA-3-1 (440-122379-5), HA-4-1 (440-122379-7), HA-5-1 (440-122379-9), HA-6-1 (440-122379-11), HA-9-1 (440-122379-17), HA-16-1 (440-122379-31), HA-19-1 (440-122379-37), (CCV 440-283538/36) and (CCV 440-283538/37)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3546: The following samples was diluted due to the nature of the sample matrix: HA-16-1 (440-122379-31), HA-17-1 (440-122379-33) and HA-18-1 (440-122379-35). Elevated reporting limits (RLs) are provided.

Method(s) 3546: The following samples was diluted due to the nature of the sample matrix: HA-1-1 (440-122379-1) and HA-8-1 (440-122379-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-1-1

Date Collected: 09/23/15 10:28

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-1

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
4,4'-DDE	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
4,4'-DDT	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Aldrin	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
alpha-BHC	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
alpha-Chlordane	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
beta-BHC	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Chlordane (technical)	ND		97		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
delta-BHC	ND		19		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Dieldrin	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endosulfan I	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endosulfan II	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endosulfan sulfate	ND		19		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endrin	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endrin aldehyde	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Endrin ketone	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
gamma-BHC (Lindane)	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
gamma-Chlordane	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Heptachlor	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Heptachlor epoxide	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Methoxychlor	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Toxaphene	ND		390		ug/Kg		09/25/15 01:32	09/30/15 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		35 - 115				09/25/15 01:32	09/30/15 17:11	1
DCB Decachlorobiphenyl (Surr)	74		45 - 120				09/25/15 01:32	09/30/15 17:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:02	5
Arsenic	ND		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:02	5

Client Sample ID: HA-2-1

Date Collected: 09/23/15 10:19

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-3

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
4,4'-DDE	26	F1	5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
4,4'-DDT	ND	F1	5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-2-1

Date Collected: 09/23/15 10:19

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-3

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Endrin aldehyde	ND	F2	5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 13:28	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		35 - 115				09/25/15 01:32	09/29/15 13:28	1
Tetrachloro-m-xylene	70		35 - 115				09/25/15 01:32	09/30/15 16:56	1
DCB Decachlorobiphenyl (Surr)	70		45 - 120				09/25/15 01:32	09/29/15 13:28	1
DCB Decachlorobiphenyl (Surr)	74		45 - 120				09/25/15 01:32	09/30/15 16:56	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:08	5
Arsenic	ND		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:08	5

Client Sample ID: HA-3-1

Date Collected: 09/23/15 10:10

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-5

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
4,4'-DDE	6.5		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
4,4'-DDT	5.7		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
delta-BHC	ND		9.9		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endosulfan sulfate	ND		9.9		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:25	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 17:25	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-3-1
Date Collected: 09/23/15 10:10
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		35 - 115	09/25/15 01:32	09/30/15 17:25	1
DCB Decachlorobiphenyl (Surr)	65		45 - 120	09/25/15 01:32	09/30/15 17:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.0		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:09	5
Arsenic	ND		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:09	5

Client Sample ID: HA-4-1
Date Collected: 09/23/15 10:58
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-7
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
delta-BHC	ND		9.9		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endosulfan sulfate	ND		9.9		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:40	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		35 - 115	09/25/15 01:32	09/30/15 17:40	1
DCB Decachlorobiphenyl (Surr)	64		45 - 120	09/25/15 01:32	09/30/15 17:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	34		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:11	5
Arsenic	4.0		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:11	5

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-5-1

Date Collected: 09/23/15 11:21

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-9

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
4,4'-DDE	27		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
4,4'-DDT	37		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Chlordane (technical)	82		50		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 17:55	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	72		35 - 115	09/25/15 01:32	09/30/15 17:55	1
<i>DCB Decachlorobiphenyl (Surr)</i>	65		45 - 120	09/25/15 01:32	09/30/15 17:55	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.3		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:13	5
Arsenic	6.3		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:13	5

Client Sample ID: HA-6-1

Date Collected: 09/23/15 11:41

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-11

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
4,4'-DDE	7.2		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-6-1
Date Collected: 09/23/15 11:41
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-11
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		35 - 115				09/25/15 01:32	09/30/15 18:09	1
DCB Decachlorobiphenyl (Surr)	63		45 - 120				09/25/15 01:32	09/30/15 18:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.1		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:15	5
Arsenic	7.2		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:15	5

Client Sample ID: HA-7-1
Date Collected: 09/23/15 13:03
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-13
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
4,4'-DDE	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
4,4'-DDT	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Aldrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
alpha-BHC	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
alpha-Chlordane	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
beta-BHC	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Chlordane (technical)	ND		51		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Dieldrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endosulfan I	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endosulfan II	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endrin aldehyde	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Endrin ketone	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
gamma-BHC (Lindane)	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
gamma-Chlordane	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Heptachlor	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Heptachlor epoxide	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Methoxychlor	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 16:10	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 16:10	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-7-1
Date Collected: 09/23/15 13:03
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-13
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		35 - 115	09/25/15 01:32	09/29/15 16:10	1
DCB Decachlorobiphenyl (Surr)	73		45 - 120	09/25/15 01:32	09/29/15 16:10	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:23	5
Arsenic	3.1		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:23	5

Client Sample ID: HA-8-1
Date Collected: 09/23/15 12:49
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-15
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
4,4'-DDE	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
4,4'-DDT	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Aldrin	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
alpha-BHC	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
alpha-Chlordane	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
beta-BHC	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Chlordane (technical)	ND		96		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
delta-BHC	ND		19		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Dieldrin	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endosulfan I	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endosulfan II	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endosulfan sulfate	ND		19		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endrin	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endrin aldehyde	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Endrin ketone	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
gamma-BHC (Lindane)	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
gamma-Chlordane	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Heptachlor	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Heptachlor epoxide	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Methoxychlor	ND		9.6		ug/Kg		09/25/15 01:32	09/29/15 16:25	1
Toxaphene	ND		380		ug/Kg		09/25/15 01:32	09/29/15 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		35 - 115	09/25/15 01:32	09/29/15 16:25	1
DCB Decachlorobiphenyl (Surr)	79		45 - 120	09/25/15 01:32	09/29/15 16:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:25	5
Arsenic	3.6		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:25	5

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-9-1

Lab Sample ID: 440-122379-17

Date Collected: 09/23/15 12:30

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/30/15 18:24	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/30/15 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		35 - 115	09/25/15 01:32	09/30/15 18:24	1
DCB Decachlorobiphenyl (Surr)	54		45 - 120	09/25/15 01:32	09/30/15 18:24	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.7		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:27	5
Arsenic	3.2		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:27	5

Client Sample ID: HA-10-1

Lab Sample ID: 440-122379-19

Date Collected: 09/23/15 12:19

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-10-1

Lab Sample ID: 440-122379-19

Date Collected: 09/23/15 12:19

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		35 - 115				09/25/15 01:32	09/29/15 16:40	1
DCB Decachlorobiphenyl (Surr)	68		45 - 120				09/25/15 01:32	09/29/15 16:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.1		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:29	5
Arsenic	3.6		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:29	5

Client Sample ID: HA-11-1

Lab Sample ID: 440-122379-21

Date Collected: 09/23/15 12:04

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
delta-BHC	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endosulfan sulfate	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 16:54	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 16:54	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-11-1
Date Collected: 09/23/15 12:04
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-21
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		35 - 115	09/25/15 01:32	09/29/15 16:54	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120	09/25/15 01:32	09/29/15 16:54	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.3		2.0		mg/Kg		09/25/15 13:55	09/29/15 15:31	5
Arsenic	3.1		3.0		mg/Kg		09/25/15 13:55	09/29/15 15:31	5

Client Sample ID: HA-12-1
Date Collected: 09/23/15 11:49
Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-23
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 17:09	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		35 - 115	09/25/15 01:32	09/29/15 17:09	1
DCB Decachlorobiphenyl (Surr)	69		45 - 120	09/25/15 01:32	09/29/15 17:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.6		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:19	5
Arsenic	3.1		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:19	5

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-13-1

Lab Sample ID: 440-122379-25

Date Collected: 09/23/15 11:33

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
4,4'-DDE	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
4,4'-DDT	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Aldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
alpha-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
alpha-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
beta-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Chlordane (technical)	ND		49		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
delta-BHC	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Dieldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endosulfan I	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endosulfan II	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endosulfan sulfate	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endrin aldehyde	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Endrin ketone	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
gamma-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Heptachlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Heptachlor epoxide	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Methoxychlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:24	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	54		35 - 115	09/25/15 01:32	09/29/15 17:24	1
DCB Decachlorobiphenyl (Surr)	51		45 - 120	09/25/15 01:32	09/29/15 17:24	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.8		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:21	5
Arsenic	3.4		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:21	5

Client Sample ID: HA-14-1

Lab Sample ID: 440-122379-27

Date Collected: 09/23/15 15:13

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
4,4'-DDE	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
4,4'-DDT	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Aldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
alpha-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
alpha-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
beta-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Chlordane (technical)	ND		49		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
delta-BHC	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Dieldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Endosulfan I	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Endosulfan II	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-14-1

Date Collected: 09/23/15 15:13

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-27

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Endrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Endrin aldehyde	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Endrin ketone	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
gamma-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Heptachlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Heptachlor epoxide	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Methoxychlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		35 - 115				09/25/15 01:32	09/29/15 17:38	1
DCB Decachlorobiphenyl (Surr)	67		45 - 120				09/25/15 01:32	09/29/15 17:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:23	5
Arsenic	4.8		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:23	5

Client Sample ID: HA-15-1

Date Collected: 09/23/15 15:01

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-29

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
4,4'-DDE	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
4,4'-DDT	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Aldrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
alpha-BHC	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
alpha-Chlordane	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
beta-BHC	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Chlordane (technical)	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Dieldrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endosulfan I	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endosulfan II	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endrin	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endrin aldehyde	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Endrin ketone	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
gamma-BHC (Lindane)	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
gamma-Chlordane	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Heptachlor	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Heptachlor epoxide	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Methoxychlor	ND		5.1		ug/Kg		09/25/15 01:32	09/29/15 17:53	1
Toxaphene	ND		210		ug/Kg		09/25/15 01:32	09/29/15 17:53	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-15-1

Date Collected: 09/23/15 15:01

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-29

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		35 - 115	09/25/15 01:32	09/29/15 17:53	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120	09/25/15 01:32	09/29/15 17:53	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.2		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:25	5
Arsenic	3.0		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:25	5

Client Sample ID: HA-16-1

Date Collected: 09/23/15 09:53

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-31

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
4,4'-DDE	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
4,4'-DDT	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Aldrin	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
alpha-BHC	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
alpha-Chlordane	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
beta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Chlordane (technical)	ND		100		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
delta-BHC	ND		20		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Dieldrin	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endosulfan I	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endosulfan II	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endosulfan sulfate	ND		20		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endrin	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endrin aldehyde	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Endrin ketone	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
gamma-BHC (Lindane)	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
gamma-Chlordane	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Heptachlor	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Heptachlor epoxide	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Methoxychlor	ND		10		ug/Kg		09/25/15 01:32	09/30/15 18:39	1
Toxaphene	ND		400		ug/Kg		09/25/15 01:32	09/30/15 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		35 - 115	09/25/15 01:32	09/30/15 18:39	1
DCB Decachlorobiphenyl (Surr)	57		45 - 120	09/25/15 01:32	09/30/15 18:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:26	5
Arsenic	4.5		2.9		mg/Kg		09/25/15 13:55	09/29/15 16:26	5

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-17-1

Lab Sample ID: 440-122379-33

Date Collected: 09/23/15 14:02

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
4,4'-DDE	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
4,4'-DDT	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Aldrin	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
alpha-BHC	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
alpha-Chlordane	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
beta-BHC	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Chlordane (technical)	ND		99		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
delta-BHC	ND		20		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Dieldrin	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endosulfan I	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endosulfan II	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endosulfan sulfate	ND		20		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endrin	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endrin aldehyde	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Endrin ketone	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
gamma-BHC (Lindane)	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
gamma-Chlordane	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Heptachlor	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Heptachlor epoxide	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Methoxychlor	ND		9.9		ug/Kg		09/25/15 01:32	09/29/15 18:08	1
Toxaphene	ND		400		ug/Kg		09/25/15 01:32	09/29/15 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		35 - 115	09/25/15 01:32	09/29/15 18:08	1
DCB Decachlorobiphenyl (Surr)	67		45 - 120	09/25/15 01:32	09/29/15 18:08	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.1		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:28	5
Arsenic	5.4		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:28	5

Client Sample ID: HA-18-1

Lab Sample ID: 440-122379-35

Date Collected: 09/23/15 14:12

Matrix: Solid

Date Received: 09/24/15 17:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
4,4'-DDE	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
4,4'-DDT	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Aldrin	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
alpha-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
alpha-Chlordane	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
beta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Chlordane (technical)	ND		100		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
delta-BHC	ND		21		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Dieldrin	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Endosulfan I	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Endosulfan II	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-18-1

Date Collected: 09/23/15 14:12

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-35

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		21		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Endrin	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Endrin aldehyde	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Endrin ketone	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
gamma-BHC (Lindane)	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
gamma-Chlordane	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Heptachlor	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Heptachlor epoxide	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Methoxychlor	ND		10		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Toxaphene	ND		420		ug/Kg		09/25/15 01:32	09/29/15 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		35 - 115				09/25/15 01:32	09/29/15 18:22	1
DCB Decachlorobiphenyl (Surr)	71		45 - 120				09/25/15 01:32	09/29/15 18:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.7		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:30	5
Arsenic	4.0		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:30	5

Client Sample ID: HA-19-1

Date Collected: 09/23/15 14:30

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-37

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
4,4'-DDE	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
4,4'-DDT	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Aldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
alpha-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
alpha-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
beta-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Chlordane (technical)	ND		49		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
delta-BHC	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Dieldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endosulfan I	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endosulfan II	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endosulfan sulfate	ND		9.7		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endrin	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endrin aldehyde	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Endrin ketone	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
gamma-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Heptachlor	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Heptachlor epoxide	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Methoxychlor	ND		4.9		ug/Kg		09/25/15 01:32	09/30/15 18:53	1
Toxaphene	ND		190		ug/Kg		09/25/15 01:32	09/30/15 18:53	1

TestAmerica Irvine

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-19-1

Date Collected: 09/23/15 14:30

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-37

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		35 - 115	09/25/15 01:32	09/30/15 18:53	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120	09/25/15 01:32	09/30/15 18:53	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:32	5
Arsenic	5.0		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:32	5

Client Sample ID: HA-20-1

Date Collected: 09/23/15 14:42

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-39

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
4,4'-DDE	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
4,4'-DDT	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Aldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
alpha-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
alpha-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
beta-BHC	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Chlordane (technical)	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
delta-BHC	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Dieldrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endosulfan I	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endosulfan II	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endosulfan sulfate	ND		9.8		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endrin	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endrin aldehyde	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Endrin ketone	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
gamma-BHC (Lindane)	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
gamma-Chlordane	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Heptachlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Heptachlor epoxide	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Methoxychlor	ND		4.9		ug/Kg		09/25/15 01:32	09/29/15 18:37	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		35 - 115	09/25/15 01:32	09/29/15 18:37	1
DCB Decachlorobiphenyl (Surr)	68		45 - 120	09/25/15 01:32	09/29/15 18:37	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14		2.0		mg/Kg		09/25/15 13:55	09/29/15 16:34	5
Arsenic	3.7		3.0		mg/Kg		09/25/15 13:55	09/29/15 16:34	5

TestAmerica Irvine

Method Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-1-1

Date Collected: 09/23/15 10:28

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.74 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	7.74 g	2 mL	283538	09/30/15 17:11	CN	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	1.99 g	50 mL	283364	09/29/15 15:02	TK	TAL IRV

Client Sample ID: HA-2-1

Date Collected: 09/23/15 10:19

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.86 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.86 g	2 mL	283217	09/29/15 13:28	JM	TAL IRV
Total/NA	Prep	3546			14.86 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.86 g	2 mL	283538	09/30/15 16:56	CN	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.03 g	50 mL	283364	09/29/15 15:08	TK	TAL IRV

Client Sample ID: HA-3-1

Date Collected: 09/23/15 10:10

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.09 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.09 g	2 mL	283538	09/30/15 17:25	CN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 15:09	TK	TAL IRV

Client Sample ID: HA-4-1

Date Collected: 09/23/15 10:58

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.10 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.10 g	2 mL	283538	09/30/15 17:40	CN	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	283364	09/29/15 15:11	TK	TAL IRV

Client Sample ID: HA-5-1

Date Collected: 09/23/15 11:21

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.98 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-5-1

Date Collected: 09/23/15 11:21

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081A		1	14.98 g	2 mL	283538	09/30/15 17:55	CN	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.03 g	50 mL	283364	09/29/15 15:13	TK	TAL IRV

Client Sample ID: HA-6-1

Date Collected: 09/23/15 11:41

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.04 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.04 g	2 mL	283538	09/30/15 18:09	CN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 15:15	TK	TAL IRV

Client Sample ID: HA-7-1

Date Collected: 09/23/15 13:03

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.84 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.84 g	2 mL	283217	09/29/15 16:10	JM	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.03 g	50 mL	283364	09/29/15 15:23	TK	TAL IRV

Client Sample ID: HA-8-1

Date Collected: 09/23/15 12:49

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.84 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	7.84 g	2 mL	283217	09/29/15 16:25	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	283364	09/29/15 15:25	TK	TAL IRV

Client Sample ID: HA-9-1

Date Collected: 09/23/15 12:30

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.99 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.99 g	2 mL	283538	09/30/15 18:24	CN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 15:27	TK	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-10-1

Date Collected: 09/23/15 12:19

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.96 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.96 g	2 mL	283217	09/29/15 16:40	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 15:29	TK	TAL IRV

Client Sample ID: HA-11-1

Date Collected: 09/23/15 12:04

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.13 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.13 g	2 mL	283217	09/29/15 16:54	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.00 g	50 mL	283364	09/29/15 15:31	TK	TAL IRV

Client Sample ID: HA-12-1

Date Collected: 09/23/15 11:49

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.93 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.93 g	2 mL	283217	09/29/15 17:09	JM	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.03 g	50 mL	283364	09/29/15 16:19	TK	TAL IRV

Client Sample ID: HA-13-1

Date Collected: 09/23/15 11:33

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.27 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.27 g	2 mL	283217	09/29/15 17:24	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 16:21	TK	TAL IRV

Client Sample ID: HA-14-1

Date Collected: 09/23/15 15:13

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.27 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.27 g	2 mL	283217	09/29/15 17:38	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-14-1

Date Collected: 09/23/15 15:13

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	2.00 g	50 mL	283364	09/29/15 16:23	TK	TAL IRV

Client Sample ID: HA-15-1

Date Collected: 09/23/15 15:01

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.59 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	14.59 g	2 mL	283217	09/29/15 17:53	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	283364	09/29/15 16:25	TK	TAL IRV

Client Sample ID: HA-16-1

Date Collected: 09/23/15 09:53

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.41 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	7.41 g	2 mL	283538	09/30/15 18:39	CN	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.04 g	50 mL	283364	09/29/15 16:26	TK	TAL IRV

Client Sample ID: HA-17-1

Date Collected: 09/23/15 14:02

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.57 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	7.57 g	2 mL	283217	09/29/15 18:08	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 16:28	TK	TAL IRV

Client Sample ID: HA-18-1

Date Collected: 09/23/15 14:12

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.18 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	7.18 g	2 mL	283217	09/29/15 18:22	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 16:30	TK	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Client Sample ID: HA-19-1

Date Collected: 09/23/15 14:30

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.45 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.45 g	2 mL	283538	09/30/15 18:53	CN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 16:32	TK	TAL IRV

Client Sample ID: HA-20-1

Date Collected: 09/23/15 14:42

Date Received: 09/24/15 17:25

Lab Sample ID: 440-122379-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.27 g	2 mL	282411	09/25/15 01:32	BAW	TAL IRV
Total/NA	Analysis	8081A		1	15.27 g	2 mL	283217	09/29/15 18:37	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	282590	09/25/15 13:55	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	283364	09/29/15 16:34	TK	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-282411/1-A
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 282411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
4,4'-DDE	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
4,4'-DDT	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Aldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
alpha-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
alpha-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
beta-BHC	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Chlordane (technical)	ND		50		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
delta-BHC	ND		10		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Dieldrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endosulfan I	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endosulfan II	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endosulfan sulfate	ND		10		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endrin	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endrin aldehyde	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Endrin ketone	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
gamma-BHC (Lindane)	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
gamma-Chlordane	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Heptachlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Heptachlor epoxide	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Methoxychlor	ND		5.0		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Toxaphene	ND		200		ug/Kg		09/25/15 01:32	09/29/15 12:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		35 - 115				09/25/15 01:32	09/29/15 12:29	1
DCB Decachlorobiphenyl (Surr)	92		45 - 120				09/25/15 01:32	09/29/15 12:29	1

Lab Sample ID: LCS 440-282411/2-A
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	13.3	12.5		ug/Kg		93	59 - 118
4,4'-DDE	13.3	11.4		ug/Kg		86	55 - 108
4,4'-DDT	13.3	12.7		ug/Kg		95	51 - 131
Aldrin	13.3	11.0		ug/Kg		82	46 - 96
alpha-BHC	13.3	11.4		ug/Kg		86	38 - 115
alpha-Chlordane	13.3	12.1		ug/Kg		91	56 - 106
beta-BHC	13.3	11.7		ug/Kg		88	46 - 111
delta-BHC	13.3	12.4		ug/Kg		93	52 - 108
Dieldrin	13.3	12.5		ug/Kg		94	57 - 112
Endosulfan I	13.3	12.6		ug/Kg		95	56 - 107
Endosulfan II	13.3	12.5		ug/Kg		94	49 - 117
Endosulfan sulfate	13.3	10.8		ug/Kg		81	54 - 113
Endrin	13.3	12.2		ug/Kg		92	56 - 120
Endrin aldehyde	13.3	9.41		ug/Kg		71	41 - 105
Endrin ketone	13.3	11.5		ug/Kg		86	54 - 119
gamma-BHC (Lindane)	13.3	11.0		ug/Kg		83	49 - 103

TestAmerica Irvine

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-282411/2-A
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
gamma-Chlordane	13.3	12.4		ug/Kg		93	32 - 143
Heptachlor	13.3	11.4		ug/Kg		86	52 - 113
Heptachlor epoxide	13.3	12.0		ug/Kg		90	38 - 128
Methoxychlor	13.3	12.4		ug/Kg		93	46 - 146
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-m-xylene	76		35 - 115				
DCB Decachlorobiphenyl (Surr)	94		45 - 120				

Lab Sample ID: 440-122379-3 MS
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: HA-2-1
Prep Type: Total/NA
Prep Batch: 282411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	ND		13.6	11.0		ug/Kg		81	40 - 130
4,4'-DDE	26	F1	13.6	33.6		ug/Kg		53	35 - 130
4,4'-DDT	ND	F1	13.6	23.6	F1	ug/Kg		173	35 - 130
Aldrin	ND		13.6	9.85		ug/Kg		72	40 - 115
alpha-BHC	ND		13.6	9.44		ug/Kg		69	40 - 115
alpha-Chlordane	ND		13.6	10.9		ug/Kg		80	50 - 115
beta-BHC	ND		13.6	9.74		ug/Kg		71	40 - 120
delta-BHC	ND		13.6	ND		ug/Kg		73	45 - 120
Dieldrin	ND		13.6	11.5		ug/Kg		85	40 - 125
Endosulfan I	ND		13.6	11.1		ug/Kg		82	40 - 120
Endosulfan II	ND		13.6	13.7		ug/Kg		101	40 - 125
Endosulfan sulfate	ND		13.6	ND		ug/Kg		67	45 - 120
Endrin	ND		13.6	12.0		ug/Kg		88	45 - 125
Endrin aldehyde	ND		13.6	11.6		ug/Kg		85	30 - 120
Endrin ketone	ND		13.6	12.6		ug/Kg		93	40 - 120
gamma-BHC (Lindane)	ND		13.6	8.95		ug/Kg		66	40 - 120
gamma-Chlordane	ND	F2	13.6	10.2		ug/Kg		75	50 - 115
Heptachlor	ND		13.6	9.70		ug/Kg		71	40 - 115
Heptachlor epoxide	ND		13.6	9.87		ug/Kg		72	45 - 115
Methoxychlor	ND		13.6	13.6		ug/Kg		100	40 - 135
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-m-xylene	64		35 - 115						
DCB Decachlorobiphenyl (Surr)	69		45 - 120						

Lab Sample ID: 440-122379-3 MSD
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: HA-2-1
Prep Type: Total/NA
Prep Batch: 282411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
4,4'-DDD	ND		13.5	8.37		ug/Kg		62	40 - 130	27	30
4,4'-DDE	26	F1	13.5	25.8	F1	ug/Kg		-4	35 - 130	26	30
4,4'-DDT	ND	F1	13.5	17.9	F1	ug/Kg		132	35 - 130	27	30
Aldrin	ND		13.5	7.46		ug/Kg		55	40 - 115	28	30

TestAmerica Irvine

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-122379-3 MSD
Matrix: Solid
Analysis Batch: 283217

Client Sample ID: HA-2-1
Prep Type: Total/NA
Prep Batch: 282411

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
alpha-BHC	ND		13.5	7.22		ug/Kg		53	40 - 115	27	30
alpha-Chlordane	ND		13.5	8.32		ug/Kg		62	50 - 115	27	30
beta-BHC	ND		13.5	7.39		ug/Kg		55	40 - 120	27	30
delta-BHC	ND		13.5	ND		ug/Kg		55	45 - 120	28	30
Dieldrin	ND		13.5	8.82		ug/Kg		65	40 - 125	27	30
Endosulfan I	ND		13.5	8.61		ug/Kg		64	40 - 120	26	30
Endosulfan II	ND		13.5	10.6		ug/Kg		79	40 - 125	25	30
Endosulfan sulfate	ND		13.5	ND		ug/Kg		51	45 - 120	28	30
Endrin	ND		13.5	9.15		ug/Kg		68	45 - 125	27	30
Endrin aldehyde	ND	F2	13.5	6.91	p	ug/Kg		51	30 - 120	NC	30
Endrin ketone	ND		13.5	9.51		ug/Kg		70	40 - 120	28	30
gamma-BHC (Lindane)	ND		13.5	6.86		ug/Kg		51	40 - 120	NC	30
gamma-Chlordane	ND		13.5	7.77		ug/Kg		57	50 - 115	NC	30
Heptachlor	ND		13.5	7.37		ug/Kg		55	40 - 115	27	30
Heptachlor epoxide	ND		13.5	7.47		ug/Kg		55	45 - 115	28	30
Methoxychlor	ND		13.5	10.7		ug/Kg		79	40 - 135	23	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	50		35 - 115
DCB Decachlorobiphenyl (Surr)	54		45 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-282590/1-A ^5
Matrix: Solid
Analysis Batch: 283364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 282590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	ND		2.0		mg/Kg		09/25/15 13:55	09/29/15 14:57	5
Arsenic	ND		3.0		mg/Kg		09/25/15 13:55	09/29/15 14:57	5

Lab Sample ID: LCS 440-282590/2-A ^5
Matrix: Solid
Analysis Batch: 283364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282590

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Lead	49.5	49.3		mg/Kg		100	80 - 120
Arsenic	49.5	48.4		mg/Kg		98	80 - 120

Lab Sample ID: 440-122379-1 MS
Matrix: Solid
Analysis Batch: 283364

Client Sample ID: HA-1-1
Prep Type: Total/NA
Prep Batch: 282590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Lead	4.2		49.8	54.2		mg/Kg		100	75 - 125	
Arsenic	ND		49.8	50.6		mg/Kg		102	75 - 125	

TestAmerica Irvine

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-122379-1 MSD

Matrix: Solid

Analysis Batch: 283364

Client Sample ID: HA-1-1

Prep Type: Total/NA

Prep Batch: 282590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	4.2		49.5	58.3		mg/Kg		109	75 - 125	7	20
Arsenic	ND		49.5	53.8		mg/Kg		109	75 - 125	6	20

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QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

GC Semi VOA

Prep Batch: 282411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-1	HA-1-1	Total/NA	Solid	3546	
440-122379-3	HA-2-1	Total/NA	Solid	3546	
440-122379-3 MS	HA-2-1	Total/NA	Solid	3546	
440-122379-3 MSD	HA-2-1	Total/NA	Solid	3546	
440-122379-5	HA-3-1	Total/NA	Solid	3546	
440-122379-7	HA-4-1	Total/NA	Solid	3546	
440-122379-9	HA-5-1	Total/NA	Solid	3546	
440-122379-11	HA-6-1	Total/NA	Solid	3546	
440-122379-13	HA-7-1	Total/NA	Solid	3546	
440-122379-15	HA-8-1	Total/NA	Solid	3546	
440-122379-17	HA-9-1	Total/NA	Solid	3546	
440-122379-19	HA-10-1	Total/NA	Solid	3546	
440-122379-21	HA-11-1	Total/NA	Solid	3546	
440-122379-23	HA-12-1	Total/NA	Solid	3546	
440-122379-25	HA-13-1	Total/NA	Solid	3546	
440-122379-27	HA-14-1	Total/NA	Solid	3546	
440-122379-29	HA-15-1	Total/NA	Solid	3546	
440-122379-31	HA-16-1	Total/NA	Solid	3546	
440-122379-33	HA-17-1	Total/NA	Solid	3546	
440-122379-35	HA-18-1	Total/NA	Solid	3546	
440-122379-37	HA-19-1	Total/NA	Solid	3546	
440-122379-39	HA-20-1	Total/NA	Solid	3546	
LCS 440-282411/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-282411/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 283217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-3	HA-2-1	Total/NA	Solid	8081A	282411
440-122379-3 MS	HA-2-1	Total/NA	Solid	8081A	282411
440-122379-3 MSD	HA-2-1	Total/NA	Solid	8081A	282411
440-122379-13	HA-7-1	Total/NA	Solid	8081A	282411
440-122379-15	HA-8-1	Total/NA	Solid	8081A	282411
440-122379-19	HA-10-1	Total/NA	Solid	8081A	282411
440-122379-21	HA-11-1	Total/NA	Solid	8081A	282411
440-122379-23	HA-12-1	Total/NA	Solid	8081A	282411
440-122379-25	HA-13-1	Total/NA	Solid	8081A	282411
440-122379-27	HA-14-1	Total/NA	Solid	8081A	282411
440-122379-29	HA-15-1	Total/NA	Solid	8081A	282411
440-122379-33	HA-17-1	Total/NA	Solid	8081A	282411
440-122379-35	HA-18-1	Total/NA	Solid	8081A	282411
440-122379-39	HA-20-1	Total/NA	Solid	8081A	282411
LCS 440-282411/2-A	Lab Control Sample	Total/NA	Solid	8081A	282411
MB 440-282411/1-A	Method Blank	Total/NA	Solid	8081A	282411

Analysis Batch: 283538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-1	HA-1-1	Total/NA	Solid	8081A	282411
440-122379-3	HA-2-1	Total/NA	Solid	8081A	282411
440-122379-5	HA-3-1	Total/NA	Solid	8081A	282411
440-122379-7	HA-4-1	Total/NA	Solid	8081A	282411
440-122379-9	HA-5-1	Total/NA	Solid	8081A	282411

TestAmerica Irvine

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

GC Semi VOA (Continued)

Analysis Batch: 283538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-11	HA-6-1	Total/NA	Solid	8081A	282411
440-122379-17	HA-9-1	Total/NA	Solid	8081A	282411
440-122379-31	HA-16-1	Total/NA	Solid	8081A	282411
440-122379-37	HA-19-1	Total/NA	Solid	8081A	282411

Metals

Prep Batch: 282590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-1	HA-1-1	Total/NA	Solid	3050B	
440-122379-1 MS	HA-1-1	Total/NA	Solid	3050B	
440-122379-1 MSD	HA-1-1	Total/NA	Solid	3050B	
440-122379-3	HA-2-1	Total/NA	Solid	3050B	
440-122379-5	HA-3-1	Total/NA	Solid	3050B	
440-122379-7	HA-4-1	Total/NA	Solid	3050B	
440-122379-9	HA-5-1	Total/NA	Solid	3050B	
440-122379-11	HA-6-1	Total/NA	Solid	3050B	
440-122379-13	HA-7-1	Total/NA	Solid	3050B	
440-122379-15	HA-8-1	Total/NA	Solid	3050B	
440-122379-17	HA-9-1	Total/NA	Solid	3050B	
440-122379-19	HA-10-1	Total/NA	Solid	3050B	
440-122379-21	HA-11-1	Total/NA	Solid	3050B	
440-122379-23	HA-12-1	Total/NA	Solid	3050B	
440-122379-25	HA-13-1	Total/NA	Solid	3050B	
440-122379-27	HA-14-1	Total/NA	Solid	3050B	
440-122379-29	HA-15-1	Total/NA	Solid	3050B	
440-122379-31	HA-16-1	Total/NA	Solid	3050B	
440-122379-33	HA-17-1	Total/NA	Solid	3050B	
440-122379-35	HA-18-1	Total/NA	Solid	3050B	
440-122379-37	HA-19-1	Total/NA	Solid	3050B	
440-122379-39	HA-20-1	Total/NA	Solid	3050B	
LCS 440-282590/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-282590/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 283364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-1	HA-1-1	Total/NA	Solid	6010B	282590
440-122379-1 MS	HA-1-1	Total/NA	Solid	6010B	282590
440-122379-1 MSD	HA-1-1	Total/NA	Solid	6010B	282590
440-122379-3	HA-2-1	Total/NA	Solid	6010B	282590
440-122379-5	HA-3-1	Total/NA	Solid	6010B	282590
440-122379-7	HA-4-1	Total/NA	Solid	6010B	282590
440-122379-9	HA-5-1	Total/NA	Solid	6010B	282590
440-122379-11	HA-6-1	Total/NA	Solid	6010B	282590
440-122379-13	HA-7-1	Total/NA	Solid	6010B	282590
440-122379-15	HA-8-1	Total/NA	Solid	6010B	282590
440-122379-17	HA-9-1	Total/NA	Solid	6010B	282590
440-122379-19	HA-10-1	Total/NA	Solid	6010B	282590
440-122379-21	HA-11-1	Total/NA	Solid	6010B	282590
440-122379-23	HA-12-1	Total/NA	Solid	6010B	282590

TestAmerica Irvine

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Metals (Continued)

Analysis Batch: 283364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-122379-25	HA-13-1	Total/NA	Solid	6010B	282590
440-122379-27	HA-14-1	Total/NA	Solid	6010B	282590
440-122379-29	HA-15-1	Total/NA	Solid	6010B	282590
440-122379-31	HA-16-1	Total/NA	Solid	6010B	282590
440-122379-33	HA-17-1	Total/NA	Solid	6010B	282590
440-122379-35	HA-18-1	Total/NA	Solid	6010B	282590
440-122379-37	HA-19-1	Total/NA	Solid	6010B	282590
440-122379-39	HA-20-1	Total/NA	Solid	6010B	282590
LCS 440-282590/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	282590
MB 440-282590/1-A ^5	Method Blank	Total/NA	Solid	6010B	282590

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Stantec Consulting Corp.
Project/Site: MAGRA

TestAmerica Job ID: 440-122379-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-16
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-16 *
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-16
Hawaii	State Program	9	N/A	01-29-16
Kansas	NELAP Secondary AB	7	E-10420	07-31-16
Nevada	State Program	9	CA015312007A	07-31-16 *
New Mexico	State Program	6	N/A	01-29-16
Northern Mariana Islands	State Program	9	MP0002	01-29-16
Oregon	NELAP	10	4005	01-29-16
USDA	Federal		P330-09-00080	07-08-18

* Certification renewal pending - certification considered valid.

TestAmerica Irvine



CHAIN OF CUSTODY FORM

25864-F-Business Center Dr., Redlands, CA 92374 (909)335-6116, Fax (909) 335-6120

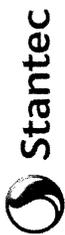
Page 2 of 4

Client Name/Address: Stantec 25864-F Business Center Drive Redlands, CA 92374		Project/PO Number: 185803532		Analysis Required	
Project Manager: Jim DeWoody		Phone Number: 909-335-6116		Special Instructions	
Email Address: James.DeWoody@stantec.com		Fax Number: 909-335-6120		6010 As/Pb	
Sampler: Ryan McDaniel		Sample Matrix		Pesticides 8081	
Sample Description	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives
HA-7-1	S Jav	1	9-23-15	1303	ICE
HA-7-3				1308	
HA-8-1				1249	
HA-8-3				1254	
HA-9-1				1230	
HA-9-3				1234	
HA-10-1				1219	
HA-10-3				1223	
HA-11-1				1204	
HA-11-3				1208	
HA-12-1				1149	
HA-12-3				1154	
Relinquished By: <i>[Signature]</i>	Date/Time: 9-24-15 0900	Received By: <i>[Signature]</i>	Date/Time: 9/24/15 9:00	Turn Around Time: RUSH 72 hours	
Relinquished By: <i>[Signature]</i>	Date/Time: 9/24/15 17:25	Received By: <i>[Signature]</i>	Date/Time: 9/24/15 17:25	Sameday 5 days	
Relinquished By: <i>[Signature]</i>	Date/Time: 9/24/15 17:25	Received in Lab By: <i>[Signature]</i>	Date/Time: 9/24/15 17:25	24 hours 48 hours	
Sample Integrity: (Check)			intact on ice		

Note: By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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CHAIN OF CUSTODY FORM

25864-F-Business Center Dr., Redlands, CA 92374 (909)335-6116, Fax (909) 335-6120

Page 3 of 4

Client Name/Address: Stantec 25864-F Business Center Drive Redlands, CA 92374		Project/PO Number: 185803532		Analysis Required	
Project Manager: Jim DeWoody		Phone Number: 909-335-6116		6010 As/Pb	
Email Address: James.DeWoody@stantec.com		Fax Number: 909-335-6120		Pesticides 8081	
Sampler: Ryan McDaniel		Sample Matrix		HOLD	
Sample Description	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives
HA-13-1	Glass Jar	1	9-23-15	1133	ICE
HA-13-3				1187	
HA-14-1				1513	
HA-14-3				1519	
HA-15-1				1501	
HA-15-3				1506	
HA-16-1				1453	
HA-16-3				1353	
HA-17-1				1402	
HA-17-3				1406	
HA-18-1				1412	
HA-18-3				1416	
Relinquished By:	Date/Time	Received By:	Date/Time	Turn Around Time:	
<i>[Signature]</i>	9-24-15 0900	<i>[Signature]</i>	9/24/15 0900	RUSH	72 hours
Relinquished By:	Date/Time	Received By:	Date/Time	Sameday	5 days
<i>[Signature]</i>	9/24/15 1725	<i>[Signature]</i>	9/24/15 17:25	24 hours	normal
Relinquished By:	Date/Time	Received in Lab By:	Date/Time	48 hours	Sample Integrity: (Check)
<i>[Signature]</i>		<i>[Signature]</i>			Intact _____ on ice _____

Note: By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 440-122379-1

Login Number: 122379

List Number: 1

Creator: Avila, Stephanie 1

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





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