APPENDIX 6

LOR GEOTECHNICAL GROUP, INC.
Soil Engineering ▲ Geology ▲ Environmental

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE
13± ACRES OF VACANT LAND, APNS 910-020-009 AND -014, CITY OF MURRIETA, CALIFORNIA

PROJECT NO. 13558.2
JULY 15, 2019

Prepared For:

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July 15, 2019

Tom Dodson & Associates
2150 N. Arrowhead Avenue
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Project No.13558.2

Attention: Mr. Tom Dodson

Subject: Phase I Environmental Site Assessment Update, 13± Acres of Vacant Land, APNs 910-020-009 and -014, City of Murrieta, Riverside County, California

Attached herewith is the Phase I Environmental Site Assessment (ESA) Update conducted by this firm for the subject site.

This Phase I ESA Update was planned and executed based upon a scope of services generally outlined in our Work Authorization Agreement dated June 14, 2019, and written and verbal communication with your office.

We appreciate the opportunity to provide this environmental assessment for the subject site. If you have any questions or comments regarding this evaluation, please do not hesitate to contact this firm at your convenience.

LOR Geotechnical Group, Inc.

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INTRODUCTION

During June, 2019, a Phase I Environmental Site Assessment (ESA) Update was conducted by this firm for Assessor's Parcel Numbers (APNs) 910-020 and -014, City of Murrieta, Riverside County, California.

This update was conducted for Tom Dodson & Associates and A G Kading in conformance with the Standard Practice for Environmental Site Assessments: Phase I ESA Process, American Society for Testing and Materials (ASTM) E1527-13 and All Appropriate Inquiries (AAI) set forth in 40 CFR (Code of Federal Regulations) Part 312. This Phase I ESA Update was based upon the Preliminary Environmental Site Assessment report, prepared by C.H.J. Incorporated, dated October 26, 2007, Job No. 07792-9. This Phase I ESA Update will use information contained within this previously prepared Preliminary Environmental Site Assessment report for the subject site.

The subject site is located between the 215 transition road to the 15 freeway and Monroe Avenue, with Fig Street to the south and future Jordan Lane on the north . The subject site is comprised of approximately 13 acres of vacant land. Prior development plans included the construction of a twin five-story building for the Murrieta Education Center, a separate 17,000-square-foot building for retail tenants providing food and other services to main building tenants, and the associated parking lot facilities, offsite improvements and infrastructure construction need to support this project. The subject site is listed in the regulatory environmental databases for their failure to comply with the 401 Water Quality Certification obtained for the planned grading which was never started.

The subject site is vacant land which was dry farmed at least from 1938 through 1949 as part of a larger property. In 1949 the property and surrounding areas appear to be fallow with no agricultural activities evident. The DTSC in their Interim Guidance for Sampling Agricultural Properties (third revision, August, 2008) has determined that properties not subject to their guidance include former agricultural property that has been graded for construction or other purposes, land used exclusively for grazing or pasture, most dry-land farming fields, and sites that were agricultural properties prior to 1950. Based on the history of the subject site residual organochlorine pesticides, such as DDT, are not considered an issue at the subject site. Sampling and testing for residual pesticides at the subject site is not recommended.

The approximate location of the subject site within its regional setting is presented on the enclosed Index Map, Figure 1.

SCOPE OF WORK

The purpose of this Phase I ESA Update is to document environmental issues for the time period from the previous Preliminary Environmental Site Assessment report, dated October 26, 2007, prepared by C.H.J. Incorporated, to the present and meet current ASTM E1527-13 standards. To meet this objective, LOR Geotechnical Group, Inc. (LOR) performed the following scope of work:

- Conducted a site reconnaissance and reviewed the previous environmental assessment report and regulatory agency records and databases to identify and evaluate potential sources of hazardous and/or toxic materials on or adjacent to the subject site. The above scope of work was conducted utilizing the ASTM Standard Practice for Phase I Environmental Site Assessments (E1527-13) and AAI set forth in 40 CFR Part 312 as guidelines. LOR assessed whether the use of the subject site during the period from October 2007 to the present has created any recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), and/or controlled recognized environmental conditions (CRECs) that may be associated with the Site. A REC is defined as the presence or likely presence of any hazardous substance 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. A HREC is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meets the unrestricted use criterial established by a regulatory authority, without subjecting the property to any required controls (i.e., property use restrictions, activity and use limitations, institutional controls, or engineering controls, which would fall under a CREC). This does not include de minimis conditions, that generally, do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of the appropriate government agency. Conditions determined to be de minimis are not RECs or CRECs.

- Preparation of this report, outlining our methodology and procedures in conducting this update, and providing conclusions and recommendations based on our findings.

NON-SCOPE CONSIDERATIONS

The following environmental issues are outside the scope of ASTM E1527-13 and 40 CFR Part 312, and may not have been addressed in this report:

- Lead in Drinking Water
- Lead-Based Paint
- Wetlands
- Methane
- Cultural Land Historical Resources
- Industrial Hygiene
- Health and Safety
- Ecological Resources
- Endangered Species
- Indoor Air Quality
- Mold and Mildew
- Asbestos-Containing Materials
- Mineral Resources
- Regulatory Compliance
- Natural Hazards
- High Voltage Power Lines

USER PROVIDED INFORMATION

ASTM E1527-13 defines a User as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.

Under ASTM E1527-13 and AAI, specific tasks are assigned to the User that will help identify the possibility of RECs in connection with the property. These tasks do not require the technical expertise of an environmental professional and are generally not performed by environmental professionals performing a Phase I ESA. The User may provide the information gathered from these tasks, including the following:

- Any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law;

- Any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law;
- Specialized knowledge or experience (that is material to RECs in connection with the property) of the User related to the property or nearby properties (for example, is the User involved in the same line of business as the current or former occupants of the property or an adjoining property so that the User would have specialized knowledge of the chemicals and processes used by this type of business);
- Relationship of the purchase price to the fair market value of the property if it were not contaminated (reason for significantly lower purchase price, such as contamination is known or believed to be present at the property);
- Commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases (such as the past uses of the property, specific chemicals that are present or once were present at the property, spills or other chemical releases that have taken place at the property, and any environmental cleanups that have taken place at the property);
- Any obvious indicators that point to the presence or likely presence of contamination at the property, based on the knowledge and experience of the User related to the property; and
- Other information, including the reason why the Phase I ESA is required and/or is being performed, the type of property and type of property transaction (sale, purchase, exchange, etc.), the complete and correct address for the property, the scope of services desired for the Phase I ESA, identification of all parties who will rely on the Phase I ESA report, identification of the site contact and how the contact can be reached, any special terms and conditions which must be agreed upon by the environmental professional, and any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).

A User Questionnaire, as provided in ASTM E1527-13, was completed by the property owner (Murrieta Education Center, LLC). The information provided in the completed questionnaire does not suggest any CRECs, HRECs, or RECs are associated with the subject site. The purpose for conducting this assessment was to satisfy current regulatory (ASTM) requirements for the lender and client that there are no environmental issues that

would prohibit the proposed development of the subject site. The client, A G Kading, Murrieta Education Center, LLC, the lender and City of Murrieta are indicated as the parties who will rely on this Phase I ESA Update report.

Environmental Cleanup Liens and Activity and Use Limitations

Under AAI and ASTM E 1527-05, a search for environmental cleanup liens and AULs must be conducted, typically by the User. The subject site, whose researched historical use has been vacant land and dry farm land, did not appear in the state and/or federal liens, deed, or activity/use limitation databases in the EDR Radius Map™ Report (Appendix D) and there are no records on file with the County of Riverside Department of Environmental Health, indicating there are no environmental cleanup liens or AULs associated with the subject site.

REVIEW OF EXISTING REPORTS

The following environmental assessment report was previously prepared for the subject site, and was used as the basis for this update:

C.H.J., Inc.

> *Preliminary Environmental Site Assessment, Proposed Murrieta Campus Project, APNs 910-020-009 and 910-020-014 Murrieta, California Prepared for AGK Group, LLC, C.H.J. Job No. 07792-9, dated October 26, 2007.*

The Preliminary Environmental Site Assessment (PESA) report prepared by this C.H.J. Incorporated (CHJ) for the subject site was conducted in accordance with ASTM E1527-05.

The historical research for the subject site indicated it had been vacant land and dry farm land in the 1930s and undeveloped since the early 1950s.

The subject site and surrounding properties were described as vacant and undeveloped property. The subject site had been disced and vegetation was moderate. Minor trash and debris and some appliances were noted on the southeast corner, southwest and northern portions of the subject site. Pole mounted electric lines were present along the alignment of Monroe Avenue and Fig Street, both dirt roads.

No evidence of above or under ground storage tanks or other subsurface structures was noted. The report stated “there was no evidence that significant quantities of hazardous materials have been handled, stored or disposed of on the subject site.”

The PESA Findings Section of the report stated “that due to the previous use of the subject site for agricultural purposes, the potential for residual pesticides in shallow on-site soils represents a historical recognized environmental condition, as defined in ASTM 1527-05.

The Opinion Section of the PESA indicated agricultural activities on-site in the 1938 aerial photograph but had ceased by the time of the 1953 aerial photograph. Due to the limited time of agricultural use and subsequent discing of the site, residual pesticides were not expected to have the potential to significantly impact the subject site at this time.”

The PESA report concluded “This Phase I has revealed no evidence of recognized environmental conditions in connection with the property, except for the following:

> *The potential for residual pesticides in shallow on-site soils due to the historic development of the subject site for agricultural purposes.”*

PHYSICAL SETTING

The physical setting of the subject site and surrounding region, including geology and hydrogeology, were researched and summarized below.

Geology

The subject site is situated within the Peninsular Ranges Geomorphic Province of southern California. This province incorporates several northwest-trending mountain ranges, such as the Santa Ana and San Jacinto Mountains, which extend from the Transverse Ranges geomorphic province, northeast of Los Angeles, into the Baja California Peninsula. Lying in between the larger mountain ranges are a series of valleys and basins, such as the Elsinore Valley and the Perris Plain. The Elsinore Valley is a linear, fault-controlled valley along the eastern side of the Santa Ana Mountains from Corona south to Temecula. The eastern margin of this valley is joined by a higher relatively flat plain which extends east to the San Jacinto Mountains, called the Perris Plain. While the floor of the Perris plain is relatively flat, it is dotted with small erosional remnant hills, consisting predominately of intrusive igneous crystalline bedrock and very old metamorphic rocks.

Subsequent erosion of the highlands has resulted in the in filling of the Elsinore Valley with a relatively thick sequence of alluvial sediments. Along the eastern and central portion of the Elsinore Valley, the bedrock units are covered with sightly older deposits of sedimentary bedrock units. In the small hills that the subject site is situated in, these are composed of a succession of late Pleistocene siltstone, sandstone, and conglomerate named the Pauba Formation.

Hydrology

The subject site is situated in the northwest portion of the Temecula Valley Groundwater Basin, which underlies several valleys in southwestern Riverside County and a portion of northern San Diego County. Murrieta, Temecula, Pauba, Long, and Lancaster Valleys are largest of the valleys overlying this basin. The basin is bounded by non-water-bearing crystalline rocks of the Peninsular Ranges. The overlying valleys are drained mainly by Wilson, Temecula, Murrieta, Warm Springs, and Pechanga Creeks to the Santa Margarita River, which flows west out of Temecula Valley.

Recent groundwater well data from the Cooperative Well Measuring Program, Fall 2018 and the California Department of Water Resources (DWR) online Water Data Library were researched for water well data in the area of the subject site. There were no groundwater wells within one mile of the subject site shown in the Cooperative Well Measuring Program database.

There closest well (State Well No. 07S03W22K001S) in the DWR online Water Data Library database is located approximately 0.2 mile to the east had no groundwater information available.

Groundwater is anticipated to be deeper than 50 feet and flowing to the southeast, following the fall in regional topography of the valley.

Radon

The United States Geological Survey (USGS) publication, Geologic Radon Potential of EPA Region 9, Open File Report 93-292-I, dated 1993, indicates the potential for radon to exceed the USEPA (United States Environmental Protection Agency) action level of 4.0 picocuries per liter (pCi/L) in Riverside County is low. The current USEPA online Radon Zones map shows the average indoor radon concentrations for Riverside County is predicted to be 2 to 4 pCi/L (USEPA, 2018).

According to the California Department of Public Health database of indoor radon test results by zip code, updated February 2016, the zip code 92563, in which the subject site is located, had twenty-nine tests conducted with two equal to or greater than 4.0 pCi/L. The maximum test result of these twenty-nine tests was 17.2 pCi/L (California Department of Public Health, 2016).

SITE HISTORY

To update the history of the subject site we reviewed historical aerial photographs, interviewed a representative of the current owner of the subject site, researched Assessor's parcel information and regulatory agency records.

Aerial Photograph Review

Electronic copies of aerial photographs provided by EDR, from 1938, 1949, 1953,1961, 1967, 1978, 1985, 1989, 1996, 2002, 2006, 2009, 2012, and 2016 were reviewed to investigate the past use of the subject site and the surrounding areas. The following table provides a summary of the significant features/changes observed in the historical aerial photographs.

Historic Aerial Photograph Review Summary

Year	Observations	Source/Scale
1938	The subject site is part of a larger property which is vacant and appears to be dry-farmed. Two small objects are present in the north portion and south-central portion of the subject site. These appear to be agricultural related objects as they are evident in the surrounding areas. A ridge that runs north-south through the subject site is naturally vegetated. Drainages run north-south through the north and south portions of the subject site. Dirt roads are present west and north of the subject site but there are no roads or trails on the subject site. The surrounding properties are typically similar vacant land.	USDA/1"=500'
1949	The subject site and surrounding properties appear to be fallow with no dry-farming activities. All the previously noted small objects present on the subject site and surrounding properties are no longer visible. The surrounding properties are similar vacant land.	USDA/1"=500'
1953	The subject site and surrounding properties are essentially the same as previously shown. Highway 395 is now present approximately 500 feet east of the subject site.	USDA/1"=500'

1961	The subject site and surrounding properties are essentially the same as in the previous Aerial Photograph. Interstate 15 (I-15) now connects to Highway 395. I-15 is approximately 150 feet, northeast of the subject site and is also present east of the subject site.	USDA/1"=500'
1967	The subject site and the immediately surrounding areas are essentially unchanged vacant land. A dirt road crosses east-west on the south portion of the subject site.	USGS/1"=500'
1978	The subject site is still vacant and undeveloped. South of the subject site a rectangular building has been constructed with smaller buildings or objects adjacent to it. A dirt turn around loop is visible in the southeast corner of the subject site, associated with this new building to the south. Just off the southeast corner of the subject site is a connector ramp from Highway 395 (I- 215) to southbound I -15.	USGS/1"=500'
1985	The subject site and surrounding properties are essentially the same as previously shown. A second structure is now present on the property south of the subject site. Increased residential development is evident southwest of the subject site along Madison and Fig Avenues.	USDA/1"=500'
1989	The subject site and surrounding properties are essentially the same as previously shown. Increased vegetation is evident on the subject site. A dirt road loops through the north part of the subject site from Monroe Avenue which is still a dirt road.	USDA/1"=500'
1996	The subject site and surrounding properties are essentially the same as previously shown. Dirt trails are visible in the south portion of the subject site.	USGS/1"=500'
2002	The subject site and surrounding properties are essentially the same as previously shown.	USGS/DOQQ/1"=500'
2006	The subject site and surrounding properties are essentially the same as previously shown. Increased commercial and residential development has occurred west of the subject site along Madison Avenue.	USDA/NAIP/1"=500'
2009	The subject site and surrounding properties are essentially the same as previously shown.	USDA/NAIP/1"=500'
2012	The subject site and surrounding properties are largely the same as previously shown.	USDA/NAIP/1"=500'
2016	The subject site and surrounding properties are essentially the same as previously shown.	USDA/NAIP/1"=500'

Based on historic aerial photographs, there was agricultural activity on the subject property only up to 1949, well before the widespread use of organochlorine pesticides. No structures or development was ever noted on the subject site. Copies of the historical aerial

photographs provided by EDR, with the approximate site boundaries shown, are provided in Appendix A**.**

Interview

On June 28,2019 Mr. A G Kading, Managing Member of the Murrieta Education Center, LLC, who is the current owner of the subject site, was interviewed by email. Mr. Kading. In response to our questions indicated the subject site had been acquired in April, 2017, and that the site has been vacant prior to and since that time. Only discing for fire control was ever done at the subject site. He was unaware of the notice of violation for the 401 Certification. He was unaware of any environmental issues associated with the subject site.

County Parcel Information

The online County of Riverside Geographic Information System was used to generate a parcel report which includes assessor parcel information, and a list of building, planning, or environmental health permit cases. The information for APN 910-020-009, which encompasses 2.42 acres with no associated address, indicated there were no building or environmental health (septic or water well) permits issued.

The information for APN 910-020-014, which encompasses 10.55 acres with no associated address, indicated there were no building or environmental health permits issued.

SITE RECONNAISSANCE

Site reconnaissance was conducted on June 24, 2019. To orient our site reconnaissance, an Assessor's parcel map and a recent color aerial photograph were obtained for our reference. Copies of the Assessor's map and recent color aerial photograph are presented on Figures 2 and 3, respectively.

The subject site is roughly rectangular in shape, consisting of APN 910-020-009 and -014, encompassing approximately 13 acres. The subject site is located between the 215 transition road to the 15 freeway and Monroe Avenue, with Fig Street to the south and future Jordan Lane on the north. The site topography is moderately rolling hillside with a prominent ridge oriented northeast-southwest in the central portion of the parcels. The existing slopes at the subject site are up to approximately 25 feet in height and slope at approximately 2(h):1(v). Small drainages are present on both sides of this prominent ridge.

The parcels have fencing only along the property line with the adjacent Caltrans Right-of-Way to the east.

Vegetation at the subject site is sparse to moderate with some trees associated with the drainage on the south side of the parcels. The periphery of the subject site has been disced for fire/weed control. No significant amounts of trash and debris were noted. The wood in the southeast corner, noted in he CHJ PESA, was still present. Dirt trails are present across the property, mostly north of the prominent ridge where the topography is flatter.

Monroe Avenue is a dirt road along the west property line. Electric power poles, some with transformers, are present. Fig Street, also a dirt road is present only along the southeast portion of the subject site. Electric lines are also present along this alignment, and end at the Caltrans Right-of-Way. No transformers were associated with these electric lines.

No containers, barrels, or drums were noted on the subject site. No stained soils or unusual odors were noted on the subject site.

Adjoining Properties

The subject site is located in mixed rural residential and commercial area with vacant land to the south and north. Vacant land followed by residential properties are to the west, and Promise Lutheran Church is located to the northwest. East of the subject site is the vacant Caltrans Right-of-Way followed by the 215 transition road to the 15 freeway.

Observations of the properties adjoining the subject site did not reveal any potential source of aboveground contamination which would impact the subject site.

Color photographs of the subject site and adjoining properties are provided in Appendix B.

REGULATORY AGENCY RECORDS REVIEW

For accidental spills and incidents involving hazardous materials and wastes within the County of Riverside, the County of Riverside Department of Environmental Health (CRDEH) generally acts as the lead agency. The California Regional Water Quality Control Board, Santa Ana Region (CRWQCB-SAR) or CRDEH may be the lead agency for soil and groundwater investigations and remediation. Online South Coast Air Quality Management District (SCAQMD) records were searched for the subject site and nearby properties.

County of Riverside Department of Environmental Health

The CRDEH was emailed on June 24, 2019 to request a review of any records they may have on file for the subject site. In a letter dated July 5, 2019, the CRDEH indicated that no records were found.

A copy of the CRDEH records response letter is provided in Appendix C.

California Regional Water Quality Control Board, Santa Ana Region

The California State Water Resources Control Board maintains the online Geotracker database, which includes CRWQCB-SAR records for: 1) cleanup sites, including leaking underground storage tank (LUST) sites, cleanup program sites, military cleanup sites, and California Department of Toxic Substances Control (DTSC) cleanup sites; 2) permitted facilities, including waste discharge requirements sites, permitted USTs, DTSC hazardous waste sites, land disposal sites, irrigated lands regulatory program sites, and oil/gas sites; and 3) other sites, including project sites, non-case information sites, sampling points - public, and field points. This database was searched and no records were found for the subject site or surrounding properties. However, the subject site was listed in the EDR database report under CIWQS, CERS, ENF and FINDS databases (see the Environmental Database Review section of this report).

We contacted the Regional Water Quality Control Board-San Diego (RWQCB-SDR) for their records on the subject site. The following table lists the records on file at the RWQCB-SDR:

DATE	RWQCB-SDR FILE DOCUMENT
1/24/2008	Project Specific Water Quality Plan, APN 910-020-009, 910-020-014 for AGK Group, LLC
6/24/2009	California Regional Water Quality Control Board- San Diego Region Application for Clean Water Act section 401 Water Quality certification, for Murrieta Education Center, LLC
8/20/2009	Notice of Intent to Comply with the General Permit to Discharge Stormwater in Association with Construction Activity, by Murrieta Education Center, LLC
8/28/2009	Letter from RWQCB-SDR Deeming Water Quality Certification Application Complete
9/03/2009	Additional Information from Tom Dodson & Associates RWQCB-SDR for 401 Certification
10/06/2009	Letter to RWQCB-SDR from AGK Group, LLC providing Requested Signatures for Application

10/13/2009	Letter from RWQCB-SDR Deeming Water Quality Certification Application Complete
1/07/2010	Letter from RWQCB-SDR Deny Water Quality Certification because Requested Supplemental Information not Forthcoming
3/10/2010	Water Quality Certification from the RWQCB-SDR for Murrieta Education Center, LLC
6/25/2010	Stormwater Pollution Prevention Plan for the Murrieta Education Center for AGK Group, LLC
4/11/2011	Letter from the RWQCB-SDR Requesting a Status Update Implementation of Requirements Under Water Quality Certification
1/24/2016	Notice of Violation from and Revocation of Water Quality Certification, Murrieta Education Facility Development Plan, from the RWQCB-SDR to A.G. Kading

The pertinent portion of the records obtained from the RWQCB-SDR are provided within Appendix D

South Coast Air Quality Management District

The online SCAQMD records (Facility Information Detail [FIND] database) were searched for sites along Marvin Road and Ramona Expressway. None of the listed sites appear to be on or adjacent to the subject site (SCAQMD, 2019).

ENVIRONMENTAL DATABASE REVIEW

LOR Geotechnical Group, Inc., contracted with EDR to provide an environmental database search for the subject site. The database search provides information regarding landfills, USTs, hazardous waste generators, etc., on the site and surrounding properties in accordance with ASTM Standards and AAI. The subject site and four school sites were found in EDR's search of available government records within the respective search radii. A copy of the EDR database report, which provides a complete list of the federal, state, tribal, local, and proprietary records searched, is provided in Appendix D.

The subject site was listed in the ENF, CIWQS, CERS and FINDS databases for failing to fulfill the requirements of water quality permits issued for the proposed grading of the subject site in 2010.

ENF

The subject site under Murrieta Education Center, LLC was listed in the ENF (Enforcement) database for Notice of Violation for the 401 Certification issued. The violations were for: failure to submit annual reports on August 1st in years succeeding certification; failure to provide proof of purchase of enhancement, restoration or establishment credit within 12 months of cert; and permit expired in 2012.

CIWQS

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities. The subject site is listed for “401 certification” with one enforcement action.

CERS

The CalEPA Regulated Site Portal (CERS) database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials. The subject site is listed for “wetlands - fill and dredge material”with violation. This listings was obtained from the CIWQS database.

FINDS

The USEPA Facility Index System. (FINDS) database 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). The subject site is listed for the 401 certification. The data was obtained from state databases.

ENVIROSTOR

The California DTSC Site Mitigation and Brownfields Reuse Program's ENVIROSTOR database identifies sites that have known contamination or sites for which there may be reasons to investigate further. There four school sites listed on this database. The closest listed school site is the Regional Learning Center-Murrieta, addressed 41350 Guava Street. Approximately 0.4 mile northwest of the subject site. This school site, like the other three school sites, had site investigations conducted under the department of Toxic Substance Control and the sites required no further action. Based on their distance from the subject site and no further action required, no adverse environmental impact to the subject site from these four ENVIROSTOR school sites is anticipated.

Orphan Summary

The Orphan Summary within the EDR database report, which is a list of all sites whose location is not readily identified (mapped), and may be near the subject site, was reviewed and there are no sites listed in the Orphan Summary.

Division of Oil, Gas, and Geothermal Resources

The California Division of Oil, Gas, and Geothermal Resources (DOGGR) maintains a list of all producing and abandoned oil and gas wells within the State of California. We reviewed the online DOGGR Well Finder, which indicates there was one "dry hole" and one plugged and abandoned oil well have been located within one mile of the subject site (DOGGR, 2019). The dry hole well is located approximately 0.5 mile northwest of the subject site. This dry hole well was called the Vernard Well No. 1 and did not encounter any oil or gas formations in the approximate 2300 foot deep well that was drilled. The well was abandoned in 1951. The other well is located approximately 0.5 mile northeast of the subject site. This well was called the Murrieta Valley No. 1 and was drilled to 1,100 feet deep in the mid 1920s. It was abandoned as an oil well and was used as a hot water well until plugged and abandoned in 1936. No adverse environmental impact to the subject site is anticipated from these plugged and abandoned wells due to the lack of petroleum product detected and distance from the subject site.

VAPOR ENCROACHMENT EVALUATION

As part of this Phase I ESA Update, a Vapor Encroachment Screen (VES) was conducted to determine if a vapor encroachment condition (VEC) exists, based on the information

obtained during the Phase I ESA Update. A VEC is the presence or likely presence of chemicals of concern (COC) vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater either on or near the target property (i.e., subject site).

Vapor Encroachment Screen

A Vapor Encroachment Screen (VES), comprised of Tier 1 screening, was conducted by this firm for the subject site. The VES was conducted in accordance with the Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, American Society for Testing and Materials E2600-15. Although not required to satisfy the requirements of the Phase I ESA under ASTM E1527-13, ASTM E2600-15 was chosen as a methodology to evaluate potential contaminant vapor concerns at or adjoining the subject site.

The subject site is currently vacant land, and was historically vacant land, including dry land farming. The subject site and surrounding area are anticipated to be underlain by interbedded sands clay, silty sands, and silts. Based on the local geology and hydrogeology, groundwater beneath the subject site, anticipated to be present generally greater than 50 feet bgs, is not considered to be a potential source of vapor into the subject site.

Based on the results of Tier 1 screening, utilizing the EDR Radius Map™ Report with GeoCheck® and research of the history of the subject site and adjoining properties, there are no sites within 0.33 mile with current and/or former potential sources of soil vapor intrusion or encroachment, such as leaking (current or former) USTs, dry cleaners, etc. Based on the results of the VES Tier 1 screening, a VEC at the subject site can be ruled out because a VEC does not exist.

DATA GAPS

Under AAI and ASTM E1527-13, data gaps that remain after the conduct of all required activities must be identified. The source of information consulted to address the data gaps should be identified, and the significance of the data gaps with respect to our ability to identify conditions indicative of releases or threatened release of hazardous substances on, at, in, or to the property should be addressed. There are no significant data gaps remaining after our conduct of AAI and ASTM E1527-13.

CONCLUSIONS AND RECOMMENDATIONS

The subject site is vacant land which was dry farmed at least from 1938 through 1949 as part of a larger property. In 1949 the property and surrounding areas appear to be fallow with no agricultural activities evident. The DTSC in their Interim Guidance for Sampling Agricultural Properties (third revision, August, 2008) has determined that properties not subject to this guidance include former agricultural property that has been graded for construction or other purposes, land used exclusively for grazing or pasture, most dry-land farming fields, and sites that were agricultural properties prior to 1950. Based on the history of the subject site residual organochlorine pesticides, such as DDT, are not considered an issue at the subject site. Sampling and testing for residual pesticides at the subject site is not recommended.

The subject site is listed in the regulatory environmental databases for their failure to comply with the 401 Water Quality Certification due to not starting the grading of the subject site in 2010 and not completing the certification requirements.

We have performed this Phase I ESA Update in accordance with ASTM E 1527-13 and AAI for Assessor's Parcel Numbers (APNs) 910-020-009 and -014, approximately 13 acres, located on the northeast corner of Monroe Avenue and Fig street, City of Murrieta, Riverside County, California. This Phase I ESA Update has revealed no evidence of RECs, HRECs, or CRECs indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject site.

STATEMENT OF QUALIFICATIONS

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

Mr. M. Kevin Osmun has over 25 years experience in the environmental field. Mr. Osmun has conducted hundreds of Phase I Environmental Site Assessments for the private and public sectors. The properties have ranged from agricultural to residential to commercial/industrial. In addition to his experience with environmental assessments for property transfers, he has worked on projects that require mitigation prior to development.

Mr. Osmun has a B.S. in geology and is a California Registered Civil Engineer.

LIMITATIONS

This report was prepared solely for the use and benefit of LOR's client, Tom Dodson & Associates, A G Kading and their designates and assigns. They may release this information to third parties, who may use and rely upon this information at their discretion. However, any use of or reliance upon this information by a party other than Tom Dodson & Associates, A G Kading and their designates and assigns, shall be solely at the risk of such third party and without legal recourse against LOR Geotechnical Group, Inc.; its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, statute, or otherwise.

The content and conclusions provided by LOR in this assessment are based on information collected during our investigation, which may include, but is not limited to, visual site inspections, interviews with the site owner, regulatory agencies and other pertinent individuals, a review of available public documents, and our professional judgement based on said information at the time of preparation of this document. Any subsurface samples results and observations presented herein are considered to be representative of the area of investigation; however, soil conditions may vary between sample locations and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which may vary from these findings, the newly-revealed conditions must be evaluated and may invalidate the conclusions of this report.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. LOR Geotechnical Group, Inc. (LOR) is not responsible for the accuracy of information provided by other individuals or entities which is used in this report. This report presents our professional judgement based upon data and findings identified in this report, and the interpretation of such data based upon our experience and background, and no warranty, either expressed or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

TIME LIMITATIONS

The findings of this report are valid as of this date. Changes in the condition of a property can, however, occur with the passage of time, whether they be due to natural processes or the work of man on this or adjacent properties. In addition, changes in the Standards-of-Practice and/or Governmental Codes may occur. Due to such changes, the findings of this report may be invalidated wholly or in part by changes beyond our control. Therefore, this report should not be relied upon after a significant amount of time without a review by LOR Geotechnical Group, Inc., verifying the suitability of the conclusions and recommendations. Based on ASTM E1527-13 and AAI, certain components of this report are no longer valid after 180 days of their being performed, including interviews, visual inspection of the subject property and adjoining properties, and review of federal, tribal, state, and local government records. Once this 180-day period has expired, this report should be updated or revised to meet the requirements for continued viability under the ASTM and AAI standards.

CLOSURE

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312.

We appreciate this opportunity to be of service and trust this report provides the information desired at this time. Should questions arise, please do not hesitate to contact this office.

Respectfully submitted,
LOR Geotechnical Group, Inc.

M. Kevin Osmun, CE 55116

REGISTERED PROFESSIONAL ENGINEER
M. KEVIN OSMUN
No. C55116
EXP.
CIVIL
STATE OF CALIFORNIA

MKO:ss

Distribution: Addressee (3) and PDF tda@tdaenv.com

REFERENCES

American Society for Testing and Materials, 2015, E2600-15: Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, October 1, 2015.

American Society for Testing and Materials, 2013, E1527-13: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, November 1, 2013.

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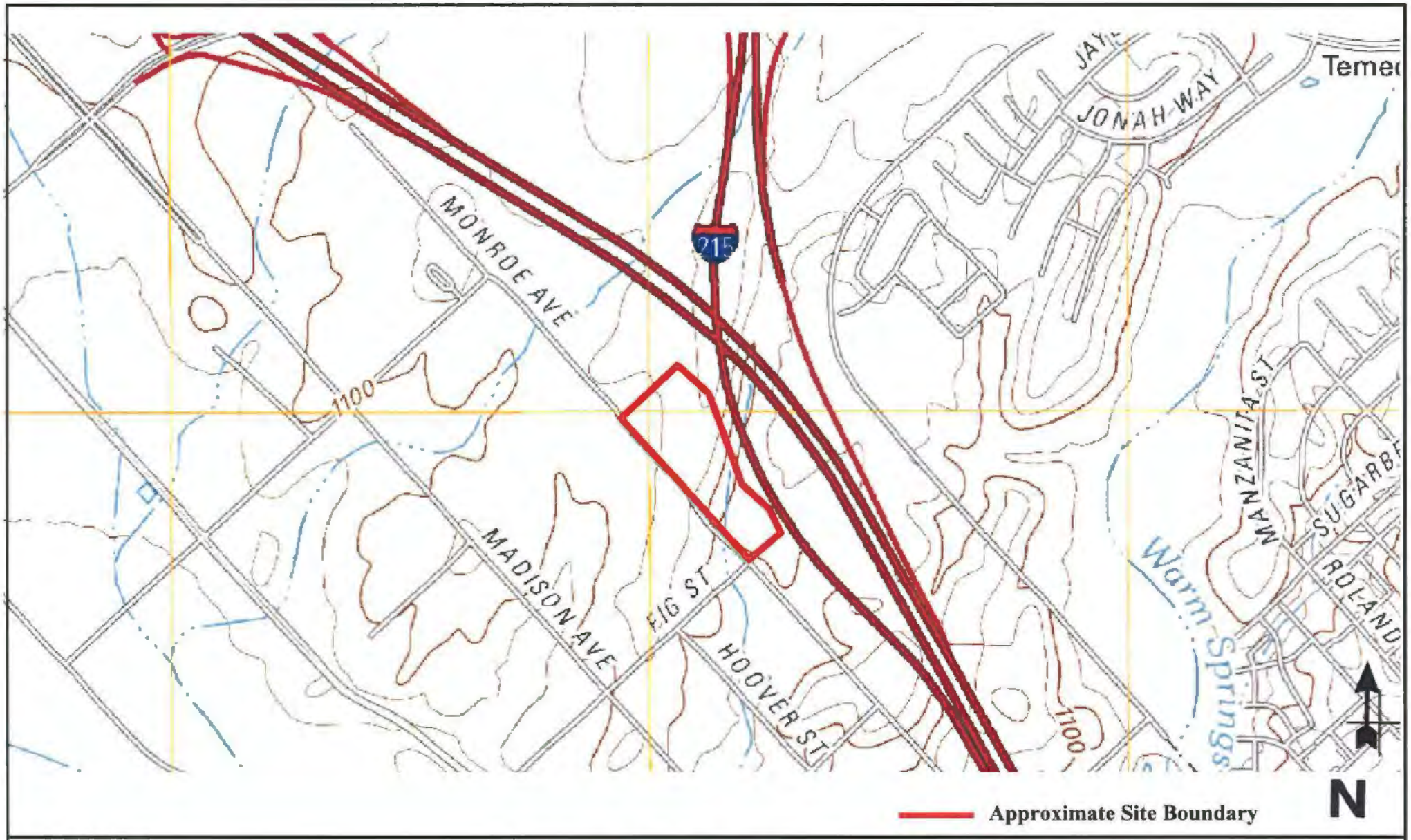
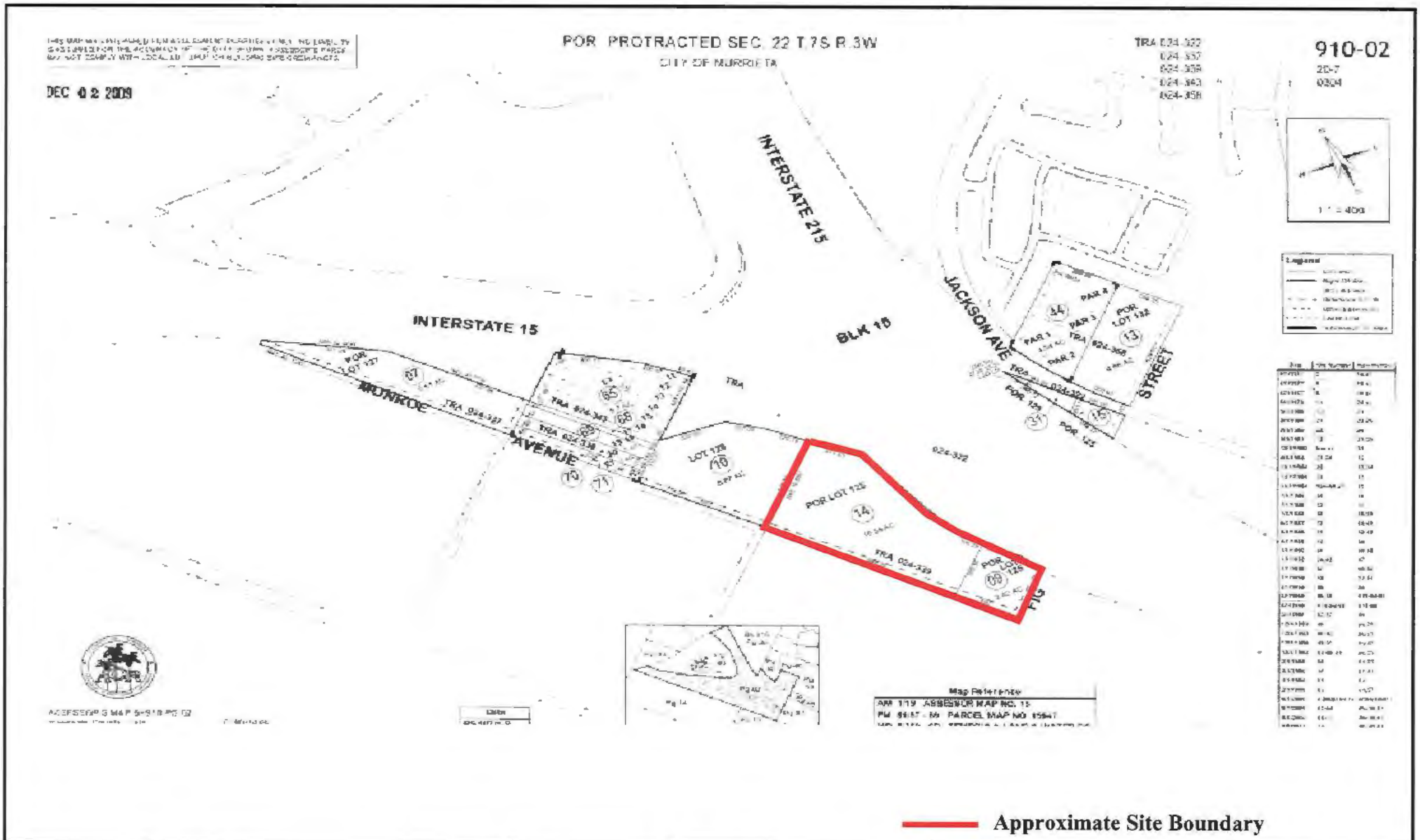
FIGURES



INDEX MAP

PROJECT:	APNs 910-020-009 AND -014, MURRIETA, CALIFORNIA	PROJECT NO.:	13558.2
CLIENT:	TOM DODSON & ASSOCIATES	FIGURE:	1
LOR Geotechnical Group, Inc.		DATE:	JUNE, 2019
		SCALE:	1" ~ 950'



ASSESSORS PARCELMAP

PROJECT:	APNs 910-020-009 AND -014, MURRIETA, CALIFORNIA	PROJECT NO.:	13558.2
CLIENT:	TOM DODSON & ASSOCIATES	FIGURE:	2
LOR Geotechnical Group, Inc.		DATE:	JUNE, 2019
		SCALE:	Reduced Copy

Approximate Site Boundary

RECENT COLOR AERIAL PHOTOGRAPH

PROJECT:	APNs 910-020-009 AND -014, MURRIETA, CA IFORNIA	PROJECT NO.:	13558.2
CLIENT:	TOM DODSON & ASSOCIATES	FIGURE:	3
LOR Geotechnical Group, Inc.		DATE:	JUNE, 2019
		SCALE:	Not To Scale

APPENDIX A

EDR Historical Aerial Photographs

APNs 910-020-009 and -014

Monroe Avenue/Fig Street

Murrieta, CA 92562

Inquiry Number: 5689856.5

June 20, 2019

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

06/20/19

Site Name:

APNs 910-020-009 and -014
Monroe Avenue/Fig Street
Murrieta, CA 92562
EDR Inquiry # 5689856.5

Client Name:

LOR Geotechnical Group, Inc.
6121 Quail Valley Court
Riverside, CA 92507
Contact: Kevin Osmun

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

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: May 22, 2002	USGS/DOQQ
1996	1"=500'	Flight Date: September 30, 1996	USGS
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: July 08, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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

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EDR

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EDR

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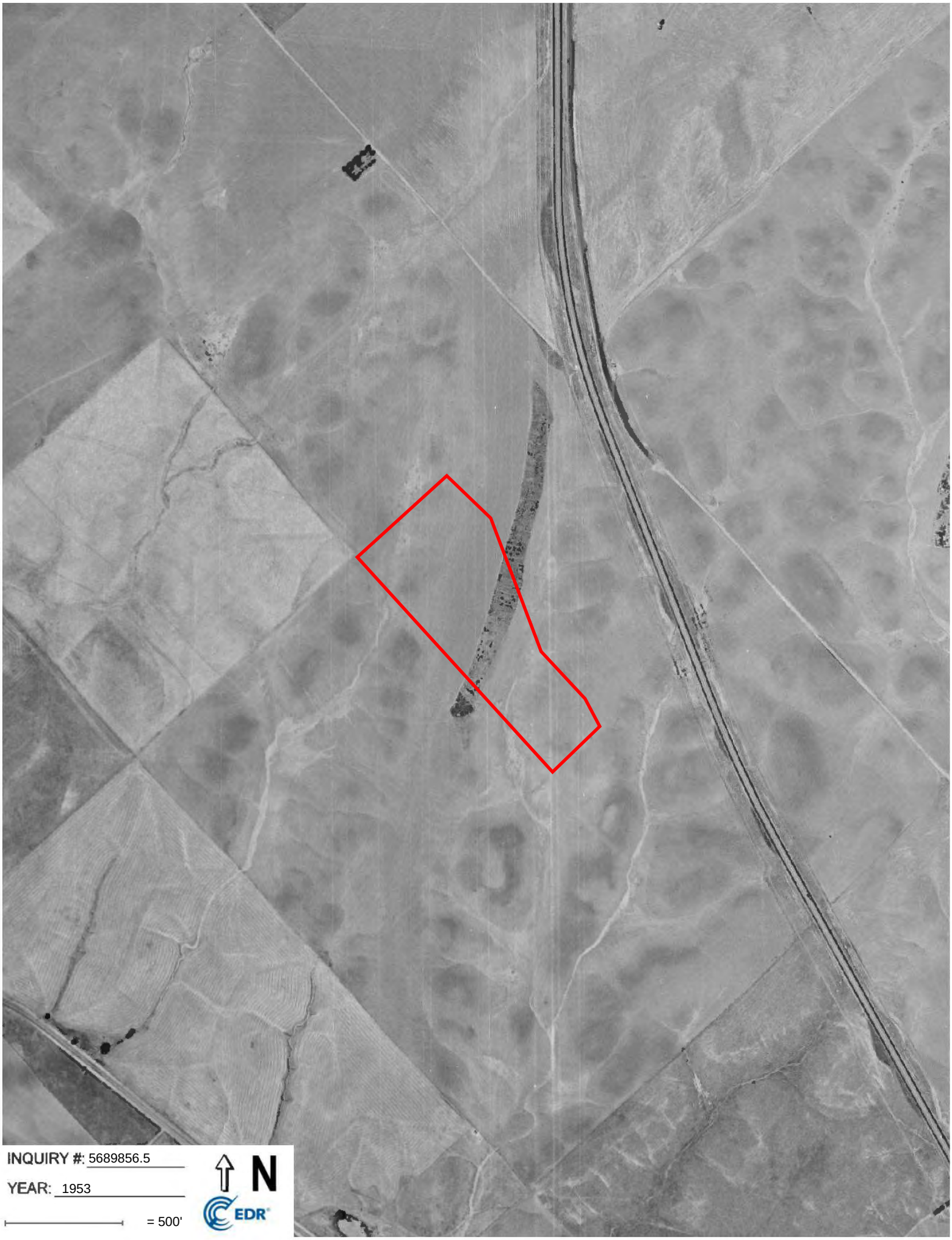
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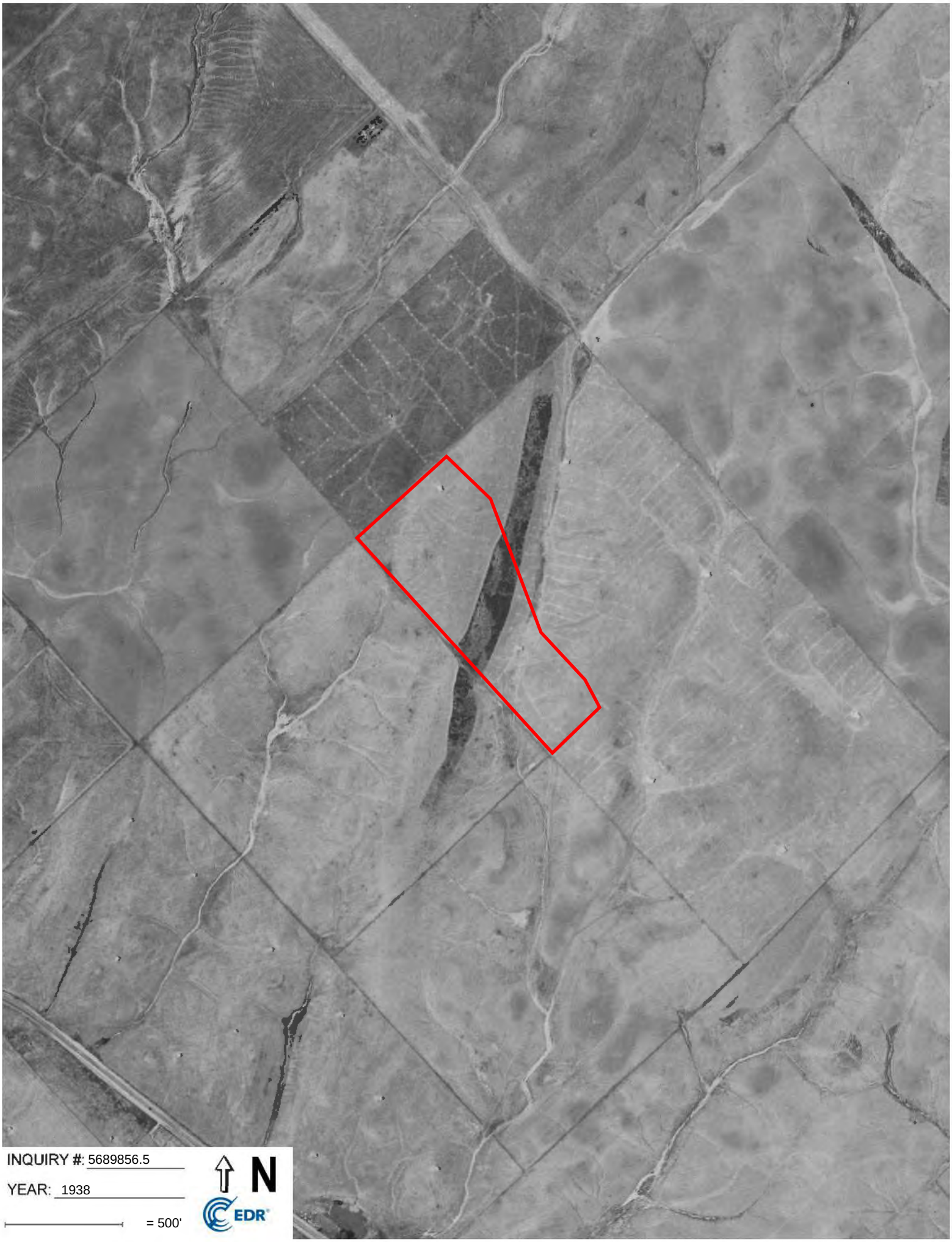
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EDR

APPENDIX B

Color Site Photographs

PHOTO 1 View facing north from the SW portion of the subject site with the site to the right (east) and Monroe Avenue (dirt) with power poles and similar vacant land present to the west of the subject site.

PHOTO 2 View facing east from the SW portion of the subject site showing the site to the left (north) and similar vacant land to the south (right). Note the ripping which is prevalent throughout the site for weed/fire control. Power poles along the south property line end at the Caltrans Right-of-Way.

PHOTO 3 View facing north from the SEC of the subject site showing the site to the left (west) and the property line fence followed by the Caltrans Right-of-Way for the I-215 on ramp to the I-15.

PHOTO 4 View facing west from the SEC of the subject site showing the site to the right (north) and similar vacant property to the left. The wood in the foreground is probably from the demolition of a structure on the adjacent property to the south. Fig Street dirt) and residential properties are visible in the background.

PHOTO 5 View facing south at the SEC of the subject site showing the slab on the adjacent property from which the wood debris on the site probably originated. Old property line fencing is visible to the right.

PHOTO 6 View facing south from Monroe Avenue and the large ridge that traverses the south-center portion of the subject site showing the south portion of the site and the hilly character. The drainage present in the middle of the picture is the major drainage on the site. In the far background is the I-15 Freeway.

PHOTO 7 View facing north from Monroe Avenue and the prominent east-west ridge showing a the northwest portion of the subject site. Residential properties and church are visible further north and west of the subject site..

PHOTO 8 View facing north at the prominent east-west ridge and near the east property line showing the northwest portion of the subject site. Similar vacant land is visible north of the subject site. I-15 Freeway is visible to the right.

PHOTO 9 View facing south from the prominent east-west ridge southerly portion of the subject site with the major drainage visible. The Caltrans Right-of-Way (east property line is visible to the left. Power poles along the alignment of Fig Street are in the background.

PHOTO 10 View facing east from the NWC of the subject site showing the site to the right (south) and similar vacant land to the left. Note the ripping on the subject site. In the background is the I-215 to I-15 ramp.

PHOTO 11 View facing southeasterly from the NWC of the subject site looking across the north portion of the site. The east-west prominent ridge is in the background.

PHOTO 12 View facing south from the NWC of the subject site showing the site to the left (east) and Monroe Avenue (dirt) and similar vacant land to the east.

APPENDIX C

CRDEH Records Response Letter

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

STEVE VAN STOCKUM, DIRECTOR

RELEASE OF RECORDS RESPONSE

July 5, 2019

Service Request No: 45186

LOR Geotechnical Group, Inc
6121 Quail Valley Court
Riverside, CA 92507
Attn: M. Kevin Osmun

Your request concerning **Hazardous Materials Management Records** has been received and a file search has been conducted. The appropriate action has been taken.

Site Address	City	Records Found
25700-26000 Monroe Ave.	**Murrieta**	☐ **YES** ☒ **NO**
THIS IS NOT AN INVOICE	**Estimated Cost**	**$0.00**

If no records are found, no further action will be taken.

If records are found, please contact our office at (951) 358-5055 to schedule a file review appointment. Records will be available for 30 days from the date of this letter, after which a new Records Request will need to be submitted.

** There is a clerical records research fee of **$.50 for the first page, plus $.10 per additional page **Records will not be made available until this fee is paid****

Other fees may apply

Note: Additional time for processing may be required

Appointments are scheduled in one (1) hour increments, not to exceed two (2) hours.

Environmental Protection & Oversight Division
Hazardous Materials Management Branch
Attn: Records Management
P.O. Box 7909
Riverside, CA 92513-7909
Ph: (951) 358-5055
Fax (951) 358-5342

*additional fees may include costs for appt. cancellation/no show, time per service, scan/fax/mail of documents, cd/dvd

APPENDIX D

RWQCB-SDR Records

Lofien

Project Specific
Water Quality Management Plan

For: **APN 910-020-009, 910-020-014**

MURRIETA EDUCATION CENTER
CITY OF MURRIETA
RIVERSIDE COUNTY, CALIFORNIA

DEVELOPMENT NO.
DESIGN REVIEW NO.

A PORTION OF LOT 125 OF THE MURRIETA PORTION OF THE TEMECULA RANCHO, AS SHOWN BY MAP OF THE TEMECULA LAND AND WATER COMPANY ON FILE IN BOOK 8, PAGE 359 OF MAPS, RECORDS OF SAN DIEGO COUNTY, CALIFORNIA

Prepared for:

AGK GROUP, LLC
34511 PASEO VIENTO
CAPISTRANO BEACH, CA 92624
(949) 661-7292

Prepared by:
EXCEL ENGINEERING
440 STATE PLACE
ESCONDIDO, CA 92029
(760) 745-8118
ROBERT D. DENTINO, RCE 45629

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
2009 SEP -3 A 9:16

WQMP Preparation/Revision Date: January 4, 2008

9/9/2009

OWNER'S CERTIFICATION

This project-specific Water Quality Management Plan (WQMP) has been prepared for:

AGK GROUP, LLC, 34511 Paseo Viento, Capistrano Beach, CA by EXCEL ENGINEERING for the project known as **Murrieta Education Center APN 910-020-009, 910-020-014** at **Fig Street and Monroe Avenue, Murrieta, California**.

This WQMP is intended to comply with the requirements of City of Murrieta for said **APN 910-020-009, 910-020-014**, which includes the requirement for the preparation and implementation of a project-specific WQMP.

The undersigned, while owning the property/project described in the preceding paragraph, shall be responsible for the implementation of this WQMP and will ensure that this WQMP is amended as appropriate to reflect up-to-date conditions on the site. This WQMP will be reviewed with the facility operator, facility supervisors, employees, tenants, maintenance and service contractors, or any other party (or parties) having responsibility for implementing portions of this WQMP. At least one copy of this WQMP will be maintained at the project site or project office in perpetuity.

The undersigned is authorized to certify and to approve implementation of this WQMP. The undersigned is aware that implementation of this WQMP is enforceable under City of Murrieta Water Quality Ordinance (Municipal Code Section 754.10).

If the undersigned transfers its interest in the subject property/project, its successor in interest the undersigned shall notify the successor in interest of its responsibility to implement this WQMP.

"I, the undersigned, certify under penalty of law that the provisions of this WQMP have been reviewed and accepted and that the WQMP will be transferred to future successors in interest."

Owner's Signature _____ Date _____

Owner's Printed Name _____ Owner's Title/Position _____

AGK GROUP, LLC
34511 Paseo Viento
Capistrano Beach, CA 92624
(949) 661-7292

Contents

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III	POLLUTANTS OF CONCERN		A-6
IV	HYDROLOGIC CONDITIONS OF CONCERN		A-10
V	BEST MANAGEMENT PRACTICES		A-12
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VI	OPERATION AND MAINTENANCE RESPONSIBILITY FOR TREATMENT CONTROL BMPS		A-25
VII	FUNDING		A-28

APPENDICES

A. CONDITIONS OF APPROVAL

B. VICINITY MAP, WQMP SITE PLAN, AND RECEIVING WATERS MAP

C. SUPPORTING DETAIL RELATED TO HYDRAULIC CONDITIONS OF CONCERN (IF APPLICABLE)

D. EDUCATIONAL MATERIALS

E. SOILS REPORT (IF APPLICABLE)

F. TREATMENT CONTROL BMP SIZING CALCULATIONS AND DESIGN DETAILS

G. AGREEMENTS – CC&RS, COVENANT AND AGREEMENTS AND/OR OTHER MECHANISMS FOR ENSURING ONGOING OPERATION, MAINTENANCE, FUNDING AND TRANSFER OF REQUIREMENTS FOR THIS PROJECT-SPECIFIC WQMP

H. PHASE 1 ENVIRONMENTAL SITE ASSESSMENT – SUMMARY OF SITE REMEDIATION CONDUCTED AND USE RESTRICTIONS

I. Project Description

Project Owner: AGK GROUP, LLC
34511 PASEO VIENTO
CAPISTRANO BEACH, CA 92624
Telephone: (949) 661-7292

WQMP Preparer: EXCEL ENGINEERING
440 STATE PLACE
ESCONDIDO, CA 92029
Telephone: (760) 745-8118

Project Site Address:	Fig Street and Monroe Avenue Murrieta, California 92562
Planning Area/ Community Name/ Development Name:	Murrieta Education Center
APN Number(s):	910-020-009, 014
Thomas Bros. Map:	Thomas Guide (2000) page 928 Grids D7, E7
Project Watershed:	Santa Margarita watershed
Sub-watershed:	Murrieta (HAS-902.32).
Project Site Size:	12.49 Acres

Standard Industrial Classification (SIC) Code: N/A

Formation of Home Owners' Association (HOA) or Property Owners Association (POA):

Y ☐ N ☒

Additional Permits/Approvals required for the Project

AGENCY	Permit required
State Department of Fish and Game, 1601 Streambed Alteration Agreement	Y ☐ N ☒
State Water Resources Control Board, Clean Water Act (CWA) section 401 Water Quality Certification	Y ☐ N ☒
US Army Corps of Engineers, CWA section 404 permit	Y ☐ N ☒
US Fish and Wildlife, Endangered Species Act section 7 biological opinion	Y ☐ N ☒
Other *(please list in the space below as required)*	

Site Description:

The project site is adjacent to the 215 transition road to the 15 freeway, located at the Northeast portion of the intersection of Fig Street and Monroe Avenue to the Southeast corner of the intersection of future Jordan Lane and Monroe Avenue, Murrieta, Riverside County, California. (see figure 1 Vicinity Map, page A-).

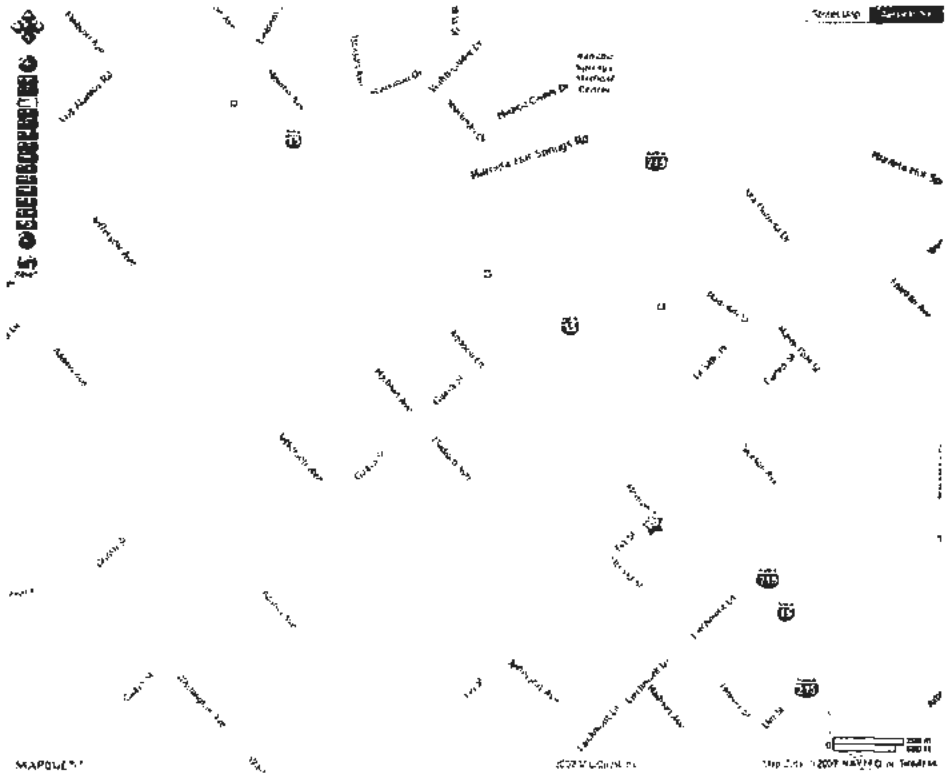
The site is dominated by a northeast-southwest oriented ridge located in the central portion of the site. Existing natural slopes at the site are up to approximately 25 feet in height and slope at approximately 1.5(h):1(v). The project proposes to build an adult education facility that would include multi-story structures of wood frame and stucco, concrete tilt-up, or similar type construction. The two 72,000-square-foot towers would be connected by a 16,000-square-foot core building with a two-story building. Light to moderate foundation loads are normally associated with such structures. A separate 17,000-square-foot building is proposed for retail tenants providing food and other services to main building tenants. The total project area is 12.49 acres. This project is proposing an on-site runoff detention basin. Activities that are normally associated with a commercial development are anticipated. These include, but are not limited to the following: building and ground maintenance, building repair and construction, and drainage system maintenance. Wastes generated also will be anticipated. These include, but are not limited to the following: vehicular fluids onto paved area, thrash, fertilizer and other prohibited runoffs.

Appendix A of this project-specific WQMP includes a complete copy of the final Conditions of Approval. Appendix B of this project-specific WQMP shall include:

1. A Vicinity Map identifying the project site and surrounding planning areas in sufficient detail to allow the project site to be plotted on Co-Permittee base mapping; and
2. A Site Plan for the project. The Site Plan included as part of Appendix B depicts the following project features:

- Location and identification of all structural BMPs, including Treatment Control BMPs.
- Landscaped areas.
- Paved areas and intended uses (i.e., parking, outdoor work area, outdoor material storage area, sidewalks, patios, tennis courts, etc.).
- Number and type of structures and intended uses (i.e., buildings, tenant spaces, dwelling units, community facilities such as pools, recreation facilities, tot lots, etc.).
- Infrastructure (i.e., streets, storm drains, etc.) that will revert to public agency ownership and operation.
- Location of existing and proposed public and private storm drainage facilities (i.e., storm drains, channels, basins, etc.), including catch basins and other inlets/outlet structures. Existing and proposed drainage facilities should be clearly differentiated.
- Location(s) of Receiving Waters to which the project directly or indirectly discharges.
- Location of points where onsite (or tributary offsite) flows exit the property/project site.
- Proposed drainage areas boundaries, including tributary offsite areas, for each location where flows exits the property/project site. Each tributary area should be clearly denoted.
- Pre- and post-project topography.

Appendix G of this project-specific WQMP shall include copies of CC&Rs, Covenant and Agreements, and/or other mechanisms used to ensure the ongoing operation, maintenance, funding, transfer and implementation of the project-specific WQMP requirements.


Murrieta Hot Springs Rd
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II. Site Characterization

Land Use Designation or Zoning: Commercial

Current Property Use: Vacant

Proposed Property Use: Adult Education Center

Availability of Soils Report: Y ☒ N ☐ *Note: A soils report is required since infiltration BMPs are utilized. Please see attached report in Appendix E.*

Phase 1 Site Assessment: Y ☐ N ☒ *Note: If prepared, attached remediation summary and use restrictions in Appendix H.*

Receiving Waters for Urban Runoff from Site

Receiving Waters	303(d) List Impairments	Designated Beneficial Uses	Proximity to RARE Beneficial Use
N/A	N/A	N/A	N/A

The project is within the Santa Margarita Hydrologic Unit, Murrieta hydrologic boundary area (HA) and specifically part of the Murrieta Hydrologic Sub Area (HAS-902.32).

III. Pollutants of Concern

Potential pollutants associated with Urban Runoff from the proposed project must be identified. Exhibit B of the WQMP provides brief descriptions of typical pollutants associated with Urban Runoff and a table that associates typical potential pollutants with types of development (land use). It should be noted that at the Co-Permittees discretion, the Co-Permittees may also accept updated studies from the California Association of Stormwater Quality Agencies (CASQA), USEPA, SWRCB and/or other commonly accepted agencies/associations acceptable to the Co-Permittee for determination of Pollutants of Concern associated with given land use. Additionally, in identifying Pollutants of Concern, the presence of legacy pesticides, nutrients, or hazardous substances in the site's soils as a result of past uses and their potential for exposure to Urban Runoff must be addressed in project-specific WQMPs. The Co-Permittee may also require specific pollutants commonly associated with urban runoff to be addressed based on known problems in the watershed. The list of potential Urban Runoff pollutants identified for the project must be compared with the pollutants identified as causing an impairment of Receiving Waters, if any. To identify pollutants impairing proximate Receiving Waters, each project proponent preparing a project-specific WQMP shall, at a minimum, do the following:

1. For each of the proposed project discharge points, identify the proximate Receiving Water for each discharge point, using hydrologic unit basin numbers as identified in the most recent version of the Water Quality Control Plan for the Santa Ana River Basin or the San Diego Region.
2. Identify each proximate identified above that is listed on the most recent list of Clean Water Act Section 303(d) list of impaired water bodies, which can be found at website www.swrcb.ca.gov/tmdl/303d_lists.html. List all pollutants for which the proximate Receiving Waters are impaired.
3. Compare the list of pollutants for which the proximate Receiving Waters are impaired with the potential pollutants to be generated by the project.

Urban Runoff Pollutants:

This project falls under the category of commercial/industrial and parking lot development. The anticipated pollutants are illustrated in the table below, considering the following types of development: Commercial, Restaurants, and Parking Lots.

Potential Pollutants Generated by Land Use Type

(Excerpted, with minor revision, from the San Bernardino Water Quality Management Plan dated April 14, 2004)

Type of Development (Land Use)	Sediment/ Turbidity	Nutrients	Organic Compounds	Trash & Debris	Oxygen Demanding Substances	Bacteria & Viruses	Oil & Grease	Pesticides	Metals
Detached Residential Development	E	E	N	E	E	E	E	E	N
Attached Residential Development	E	E	N	E	P(1)	P	P(2)	E	N
Commercial/ Industrial Development	P(1)	P(1)	P(1)	E	P(1)	P(1)	E	P(1)	P
Automotive Repair Shops	N	N	E(4)	E	N	N	E	N	P
Restaurants	N	N	N	E	E	E	E	N	N
Hillside Development	E	E	N	E	E	E	E	E	N
Parking Lots	P(1)	P(1)	E(4)	E	P(1)	P(1)	E	P(1)	E
Streets, Highways & Freeways	E	P(1)	E(4)	E	P(1)	P(1)	E	P(1)	E

Abbreviations
E = Expected P = Potential N = Not expected

Notes:
(1) A potential pollutant if landscaping or open area exists on the Project site
(2) A potential pollutant if the project includes uncovered parking areas.
(3) A potential pollutant if land use involves animal waste
(4) Specifically, petroleum hydrocarbons.
(5) Specifically, solvents
(6) Bacterial indicators are routinely detected in pavement runoff.

Trash and Debris – Trash (such as paper, plastic, polystyrene packing foam, and aluminum materials) and biodegradable organic matter (such as leaves, grass cuttings, and food waste) are general waste products on the landscape. The presence of trash and debris may have a significant impact on the recreational value of a water body and aquatic habitat. Excess organic matter can crate a high biochemical oxygen demand in stream and thereby lower its water quality. In addition, in areas where stagnant water exists, the presence of excess organic matter can promote septic conditions resulting in the growth of undesirable organisms and the release of odorous and hazardous compounds such as hydrogen sulfide.

Oxygen-Demanding Substances – This category includes biodegradable organic material as well as chemicals that react with dissolved oxygen in water to form other compounds. Proteins, carbohydrates, and fats are examples of biodegradable organic compounds. Compounds such as ammonia and hydrogen sulfide are examples of oxygen-demanding compounds. The oxygen demand of a substance can lead to depletion of dissolved oxygen in a water body and possibly the development of septic conditions.

Oil and Grease – Oil and grease are characterized as high-molecular weight organic compounds. Primary sources of oil and grease are petroleum hydrocarbon products, motor products from leaking vehicles, esters, oils, fats, waxes, and high molecular-weight fatty acids. Introduction of these pollutants to the water bodies are very possible due to the wide use and applications of some of these products in municipal, residential, commercial, industrial, and construction areas. Elevated oil and grease content can decrease the aesthetic value of the water body, as well as the water quality.

Pathogens – Pathogens (bacteria and viruses) are ubiquitous microorganisms that thrive under certain environmental conditions. Their proliferation is typically caused by the transport of animal or human fecal wastes from the watershed. Water, containing excessive bacteria and viruses can alter the aquatic habitat and create a harmful environment for humans and aquatic life. Also, the decomposition of excess organic wastes causes increased growth of undesirable organisms in the water.

Pesticides – Pesticides (including herbicides) are chemical compound commonly used to control nuisance growth or prevalence of organisms. Excessive or improper application of a pesticide may result in runoff containing toxic levels of its active ingredient.

Nutrients – Nutrients are in organic substances, such as nitrogen and phosphorus. They commonly exist in the form of mineral salts that are either dissolved or suspended in water. Primary sources or nutrients in urban runoff are fertilizers and eroded soils. Excessive discharge of nutrients to water bodies and streams can cause excessive aquatic algae and plant growth. Such excessive production, referred to as cultural eutrophication, may lead to excessive decay of organic matter in the water body, loss of oxygen in the water, release of toxins in sediment, and the eventual death of aquatic organisms.

Metals – the primary source of metal pollution in urban runoff is typically commercially available metals and metal products. Metals of conceru include cadmium, chromium, copper, lead, mercury, and zinc. Lead and chromium have been used as corrosion inhibitors in primer coatings and cooling tower systems. Metals are also raw material components in non-metal products such as fuels, adhesives, paints, and other coatings. At low concentrations naturally occurring in soil, metals may not be toxic. However, at higher concentrations, certain metals can be toxic to aquatic life. Humans can be impacted from contaminated groundwater resources, and bioaccumulation of metals in fish and shellfish. Environmental concerns, regarding the potential for release of metals to the environment, have already led to restricted metal usage in certain applications.

Sediments – Sediments are soils or other surficial materials eroded and then transported or deposited by the action of wind, water, ice or gravity. Sediments can increase turbidity, clog fish gills, reduce spawning habitat, lower young aquatic organisms survival rates, smoother bottom dwelling organisms, and suppress aquatic vegetation growth.

The common pollutants of concern (POC) generated by the site trash and debris, oil and grease and oxygen demanding substances. These pollutants need to receive treatments that have low or medium efficiency.

IV. Hydrologic Conditions of Concern

Impacts to the hydrologic regime resulting from the Project may include increased runoff volume and velocity; reduced infiltration; increased flow frequency, duration, and peaks; faster time to reach peak flow; and water quality degradation. Under certain circumstances, changes could also result in the reduction in the amount of available sediment for transport; storm flows could fill this sediment-carrying capacity by eroding the downstream channel. These changes have the potential to permanently impact downstream channels and habitat integrity. A change to the hydrologic regime of a Project's site would be considered a hydrologic condition of concern if the change would have a significant impact on downstream erosion compared to the pre-development condition or have significant impacts on stream habitat, alone or as part of a cumulative impact from development in the watershed.

This project-specific WQMP must address the issue of Hydrologic Conditions of Concern unless one of the following conditions are met:

- **Condition A:** Runoff from the Project is discharged directly to a publicly-owned, operated and maintained MS4; the discharge is in full compliance with Co-Permittee requirements for connections and discharges to the MS4 (including both quality and quantity requirements); the discharge would not significantly impact stream habitat in proximate Receiving Waters; and the discharge is authorized by the Co-Permittee.
- **Condition B:** The project disturbs less than 1 acre. The disturbed area calculation should include all disturbances associated with larger plans of development.
- **Condition C:** The project's runoff flow rate, volume, velocity and duration for the post-development condition do not exceed the pre-development condition for the 2-year, 24-hour and 10-year 24-hour rainfall events. This condition can be achieved by minimizing impervious area on a site and incorporating other site-design concepts that mimic pre-development conditions. This condition must be substantiated by hydrologic modeling methods acceptable to the Co-Permittee.

This Project meets the following condition: **Condition C**

> The project's runoff flow rate, volume, velocity and duration for the post-development condition do not exceed the pre-development condition for the 2-year, 24-hour and 10-year 24-hour rainfall events. This condition was achieved by using an on-site detention chamber that allows runoff to infiltrate to the ground.
>
> The hydrology calculation is based on two catchment-basins assumption. The longest of watercourse of basin A for post-development is assumed running through crossing the parking lots to an inlet to the storm detention chambers. Basin B has two watercourse flows coming from two different directions flowing to the same middle part area. Based on that, basin B is assumed has one whole unit with two culverts in calculation but separate unit in location so that the water does not need to travel farther.

Supporting engineering studies, calculations, and reports are included in Appendix C.

BASIN A

With on-site detention chamber storage capacity: 20124 cuft

	2 year – 24 hour		10 year – 24 hour	
	Precondition	Post-condition	Precondition	Post-condition
Discharge (cfs)	0.781	1.036	1.714	1.970
Volume (cubic feet)	8508	2756*	23204	23162*

* After deducted from the detention storage capacity

BASIN B

With on-site detention chamber storage capacity: 17,756 cuft

	2 year – 24 hour		10 year – 24 hour	
	Precondition	Post-condition	Precondition	Post-condition
Discharge (cfs)	0.717	0.954	1.577	1.825
Volume (cubic feet)	7,828	3,296*	21,349	21,202*

* After deducted from the detention storage capacity

Existing Condition Topography

The existing site is dominated by a northeast-southwest-oriented ridge located in the central portion of the site with slopes to the northwest and southeast. The slopes were inclined at approximately 1.5 to 1 vertical with heights of up to approximately 25 feet. The active channel areas appeared to be partially incised and contained a moderate to dense growth of shrubs and trees.

Existing Conditions + Project Conditions Topography

The project is a private venture to develop an adult education facility such as classrooms and office. The two 72,000-square-foot towers would be connected by a 16,000-square-foot core building with a two-story building. A separate 17,000-square-foot building is proposed for retail tenants providing food and other services to main building tenants. The total project area is 12.49 acres. Activities that are normally associated with a commercial office development are anticipated. These include but not limited to the following: building and ground maintenance, building repair and construction, and drainage system maintenance. Wastes generated by retail tenants are also anticipated. These include, but are not limited to the following: oil spills, trash, fertilizer and other prohibited runoffs.

Proposed topography will still be relatively flat with 82% of the site impervious.
The proposed grading is such that the all the surface runoff will pass through a proposed bio/sand filter BMP before entering a proposed underground storage chamber. The chamber is designed to accommodate the whole storm runoff. This chamber will allow the runoff to infiltrate to the ground. An overflow staging basin is provided with the ground storage chamber to allow runoff to exit if for any unforeseen reason the chamber will fail.

V. Best Management Practices

V.1 SITE DESIGN BMPS

Project proponents shall implement Site Design concepts that achieve each of the following:

1) Minimize Urban Runoff
2) Minimize Impervious Footprint
3) Conserve Natural Areas
4) Minimize Directly Connected Impervious Areas (DCIAs)

The project proponent should identify the specific BMPs implemented to achieve each Site Design concept and provide a brief explanation for those Site Design concepts considered not applicable.

Project Site Design BMPs:

This project has implemented the following typical site design BMPs:

- Minimized impervious footprint
- Minimize directly connected impervious areas
- Convey runoff from roof drains to Bio/sand filter prior to entering inlets.
- Use of perforated pipes & StormChamber™ (underground storage & infiltration bmp)
- Protect storm drain outlets

The impervious footprint in the current site plan has been reduced by maximizing landscaping at the perimeter of the project as well as some landscaping adjacent to the proposed parking lot. There is no directly connected impervious sidewalk adjacent to the building in 75 % of the building perimeter. Most of the parking area runoff drains into landscaping prior to discharging into a sand filter BMP.

Infiltration of runoff is achieved by letting runoff collects into an underground storage chamber. All runoff is design to be contained in the underground storage chamber. However, in the unlikely event that the chamber fails, an "Overflow Staging Basin" is incorporated into the site plan so that outlet velocities can be controlled.

Table 1. Site Design BMPs

Design Concept	Technique	Specific BMP	Included: Yes	Included: No	Included: N/A
Site Design Concept 1	*Minimize Urban Runoff*	Maximize the permeable area (See Section 4.5.1 of the WQMP).	☒	☐	☐
		Incorporate landscaped buffer areas between sidewalks and streets.	☐	☐	☒
		Maximize canopy interception and water conservation by preserving existing native trees and shrubs, and planting additional native or drought tolerant trees and large shrubs. [1]	☐	☒	☐
		Use natural drainage systems. [2]	☐	☒	☐
		Where soils conditions are suitable, use perforated pipe or gravel filtration pits for low flow infiltration. [3]	☐	☒	☐
		Construct onsite ponding areas or retention facilities to increase opportunities for infiltration consistent with vector control objectives.	☒	☐	☐
		Other comparable and equally effective site design concepts as approved by the Co-Permittee (Note: Additional narrative required to describe BMP and how it addresses Site Design concept). [4]	☐	☒	☐

Narratives on the "NO" answers:

1. There is not much existing vegetation on this site; some bushes adjacent to the storm drain pipe towards the site need to be removed so that the storm water can be collected through a new storm drain pipe across the site.
2. The project proposes mass grading. The natural drainage system has been altered, although the outlet points are still the same. No diversion of storm runoff is proposed in this project.
3. Due to Soil Group C found onsite (low permeability), gravel filtration pits is not a feasible option
4. No other comparable and equally effective site design concept as approved by the Co-permittee is proposed.
5. The site area is more likely dirt with moderate low permeability soil.

Table 1. Site Design BMPs (Cont.)

Design Concept	Technique	Specific BMP	Included: Yes	Included: No	Included: N/A
Site Design Concept 2	*Minimize Impervious Footprint*	Maximize the permeable area (See Section 4.5.1 of the WQMP).	☒	☐	☐
		Construct walkways, trails, patios, overflow parking lots, alleys, driveways, low-traffic streets and other low -traffic areas with open-jointed paving materials or permeable surfaces, such as pervious concrete, porous asphalt, unit pavers, and granular materials.	☒	☐	☐
		Construct streets, sidewalks and parking lot aisles to the minimum widths necessary, provided that public safety and a walk able environment for pedestrians are not compromised.	☒	☐	☐
		Reduce widths of street where off-street parking is available.	☐	☐	☒
		Minimize the use of impervious surfaces, such as decorative concrete, in the landscape design.	☒	☐	☐
		Other comparable and equally effective site design concepts as approved by the Co-Permittee (Note: Additional narrative required describing BMP and how it addresses Site Design concept). [4]	☐	☒	☐
Site Design Concept 3	*Conserve Natural Areas*	Conserve natural areas (See WQMP Section 4.5.1). [5]	☐	☒	☐
		Maximize canopy interception and water conservation by preserving existing native trees and shrubs, and planting additional native or drought tolerant trees and large shrubs. [1]	☐	☒	☐
		Use natural drainage systems. [2]	☐	☒	☐
		Other comparable and equally effective site design concepts as approved by the Co-Permittee (Note: Additional narrative required describing BMP and how it addresses Site Design concept). [4]	☐	☒	☐

Narratives on the "NO" answers:

1. There is not much existing vegetation on this site; some bushes adjacent to the storm drain pipe towards the site need to be removed so that the storm water can be collected through a new storm drain pipe across the site.
2. The project proposes mass grading. The natural drainage system has been altered, although the outlet points are still the same. No diversion of storm runoff is proposed in this project.
3. Due to Soil Group C found onsite (low permeability), gravel filtration pits is not a feasible option
4. No other comparable and equally effective site design concept as approved by the Co-permittee is proposed.
5. The site area is more likely dirt with moderate low permeability soil.

Table 1. Site Design BMPs (Cont.)

Design Concept	Technique	Specific BMP	Included: Yes	Included: No	Included: N/A
Site Design Concept 4	*Minimize Directly Connected Impervious Areas (DCIAs)*	Residential and commercial sites must be designed to contain and infiltrate roof runoff, or direct roof runoff to vegetative swales or buffer areas, where feasible.	☒	☐	☐
		Where landscaping is proposed, drain impervious sidewalks, walkways, trails, and patios into adjacent landscaping.	☒	☐	☐
		Increase the use of vegetated drainage swales in lieu of underground piping or imperviously lined swales.	☒	☐	☐
		Rural swale system: street sheet flows to vegetated swale or gravel shoulder, curbs at street corners, culverts under driveways and street crossings.	☐	☐	☒
		Urban curb/swale system: street slopes to curb; periodic swale inlets drain to vegetated swale/biofilter.	☒	☐	☐
		Dual drainage system: First flush captured in street catch basins and discharged to adjacent vegetated swale or gravel shoulder, high flows connect directly to MS4s.[6]	☐	☒	☐
		Design driveways with shared access, flared (single lane at street) or wheel strips (paving only under tires); or, drain into landscaping prior to discharging to the MS4.[6]	☐	☒	☐
		Uncovered temporary or guest parking on private residential lots may be paved with a permeable surface, or designed to drain into landscaping prior to discharging to the MS4.	☐	☐	☒
		Where landscaping is proposed in parking areas, incorporate landscape areas into the drainage design.	☒	☐	☐
		Overflow parking (parking stalls provided in excess of the Co-Permittee's minimum parking requirements) may be constructed with permeable paving.	☐	☐	☒
		Other comparable and equally effective design concepts as approved by the Co-Permittee (Note: Additional narrative required describing BMP and how it addresses Site Design concept).[6]	☐	☒	☐

Narratives on the "NO" answers:

6. The public street component of the runoff for this project is very minimal and already existed that it does not justify adding in a swale inlets that drains into a vegetated swale/biofilter.

V.2 SOURCE CONTROL BMPS

Table 2. Source Control BMPs

BMP Name	Check One		If not applicable, state brief reason
	Included	Not Applicable	
Non-Structural Source Control BMPs			
Education for Property Owners, Operators, Tenants, Occupants, or Employees	☒	☐	
Activity Restrictions	☒	☐	
Irrigation System and Landscape Maintenance	☒	☐	
Common Area Litter Control	☒	☐	
Street Sweeping Private Streets and Parking Lots	☒	☐	
Drainage Facility Inspection and Maintenance	☒	☐	
Structural Source Control BMPs			
MS4 Stenciling and Signage	☒	☐	
Landscape and Irrigation System Design	☒	☐	
Protect Slopes and Channels	☒	☐	
Provide Community Car Wash Racks	☐	☒	NONE PROVIDED
Properly Design:	☐	☐	
Fueling Areas	☐	☒	NONE PROVIDED
Air/Water Supply Area Drainage	☐	☒	NONE PROVIDED
Trash Storage Areas	☒	☐	
Loading Docks	☐	☒	NONE PROVIDED
Maintenance Bays	☐	☒	NONE PROVIDED
Vehicle and Equipment Wash Areas	☐	☒	NONE PROVIDED
Outdoor Material Storage Areas	☐	☒	NONE PROVIDED
Outdoor Work Areas or Processing Areas	☐	☒	NONE PROVIDED
Provide Wash Water Controls for Food Preparation Areas	☒	☐	

Typical Source Controls BMPs Includes:

- Education
- Activity Restrictions
- Irrigation System & Landscape Maintenance
- Common Area Litter Control
- Parking Lot Sweeping
- Drainage Facility Inspection and Maintenance
- Stenciling & Signage
- Landscape & irrigation System Design
- Protect Slopes & Channels
- Trash Storage Areas

Education
Practical informational materials to promote the prevention of Urban Runoff pollution will be provided by the owner/developer to the operators, occupants, and tenants of the Murrieta Education Center Building. Where people will be employed or contracted to perform activities that may impact Urban Runoff, BMP training and education programs must be provided to all new employees within 6 months of hire date and annually thereafter. These materials shall include general housekeeping practices that contribute to the protection of Urban Runoff quality and BMPs that eliminate or reduce pollution during subsequent use of the facility. These materials or a resource list for obtaining these materials will be made available through the City of Murrieta or can be found at http://www.floodcontrol.co.riverside.ca.us/YouCanHelp.asp. or from other resources such as Stormwater Best Management Practices Handbook for Industrial and Commercial" (CASQA, 2003). Some applicable BMP educational materials are provided in Appendix D of this WQMP.

Activity Restrictions
The owner/developer or its operator shall restrict activities that are detrimental to the water quality of the site. Alternatively, use restrictions may be developed by a building operator through lease terms, etc. Only activities such as common to the normal operation and maintenance of the education facility are allowed.

Some activities that are restricted to this project are:

- Prohibiting the blowing, sweeping, or hosing of debris (leaf litter, grass clippings, litter, etc.) into streets, storm drain inlets, or other conveyances.
- Require dumpster lids to be closed at all times.
- Prohibit vehicle washing, maintenance, or repair on the premises

Irrigation System & Landscape Maintenance
Maintenance of irrigation systems and landscaping shall be consistent with the City of Murrieta water conservation ordinance, which can be accessed through the City's website or obtained through its planning/permitting counter. Fertilizer and pesticide usage shall be consistent with the instructions contained on product labels and with regulations administered by California's Department of Pesticide Regulation. Additionally, landscape maintenance must address replacement of dead vegetation, repair of erosion rills, proper disposal of green waste, etc. Irrigation system maintenance must address periodic testing and observation of the irrigation system to detect overspray, broken sprinkler heads, and other system failures.

Common Area Litter Control
The owner/developer or its operator shall provide trash receptacles in common areas and employee patios. The frequency with which trash receptacles will be emptied, patrolling common areas and perimeter fences or walls to collect litter, noting trash disposal violations by tenants/home owners or businesses and reporting such observations to the owner/operator shall be determined basing on the actual usage of the site. Otherwise, a regular once every two weeks is a good start

Parking Lot Sweeping
The owner/developer or its operator shall have the parking lot be swept bi-monthly, including just prior to the start of the rainy season (October 1st). The frequency shall be no less than the frequency of street sweeping by the City of Murrieta on public streets.

Drainage Facility Inspection and Maintenance
At a minimum, routine maintenance of the privately owned drainage facilities should take place in the late summer or early fall prior to the start of the rainy season (October 1st). The drainage facilities must be cleaned if accumulated sediment/debris fills 25% or more of the sediment/debris storage capacity. Privately owned

drainage facilities shall be inspected annually and the cleaning frequency shall be assessed. They shall be inspected monthly throughout the rainy season to check for clogging and other non-performance.

Stenciling & Signage
Provide stenciling or labeling of all storm drain inlets and catch basins, constructed or modified, within the project area with prohibitive language (such as: "NO DUMPING ONLY RAIN IN THE DRAIN") and/or graphical icons to discourage illegal dumping. Post signs and prohibitive language and/or graphical icons, which prohibit illegal dumping at the grated inlets. Stenciling and signage shall be check once every two months for signage clarity / visibility. Re-stencil / repaint all signage that are faded & hard to read.

Landscape & Irrigation System Design
Landscape irrigation shall be designed to employ rain shutoff devices to prevent irrigation during and after precipitation, to supply water according to a landscape area's specific water requirements, and to use flow reducers or shutoff valves triggered by a pressure drop to control water loss in the event of a broken sprinkler head or line.

Since native or adapted ornamental plants will be a part of the on-site landscaping, it is reasonable to conclude that these species are well adapted to potential pests, such that pesticide use will be kept to a minimum. Should pesticides be required at any time on this site, the pesticides used shall not contain Diazinon (AKA Spectracide) or Chlorpyrifos (AKA Dursban or Lorsbad) as these chemicals are known to pose significant risk to human health and welfare as well as the environment-animals and surface waters.

Fertilizers shall not be applied unless absolutely necessary. During the non-rainy season, appropriate mulch shall be amended into the soil of landscape areas to provide a continuous supply of nutrients to plants as a result of biodegradation of the materials, rather than adding liquid or solid synthetic, environmentally harmful chemicals to the site.

Any materials stored on site for maintenance of landscaping, etc. shall be stored in a covered area such as shed or equivalent.

Protect Slopes & Channels
Grading design of the site shall take into account the protection of slopes and channels. These includes the control and treatment of flows in landscaping and/or other controls prior to reaching existing natural drainage systems. Ripraps proposed on the drainage outlets needs to be designed for the anticipated maximum outlet velocities.

Slopes shall be planted with native or deep-rooted, drought tolerant vegetation selected for erosion control.

Trash Storage Areas
Trash storage areas are proposed for the site to contain dumpsters and recycling bins. Enclosures will be walled to prevent refuse and debris from leaving the project location. Regular cleaning of the trash storage areas will be required to prevent fugitive debris from leaving the site or entering the storm drain system. Waste management pick up will be scheduled based upon the expected use of the education center employees. Should the dumpsters fill at a rate greater than expected, pick up scheduling shall be adjusted accordingly.

Trash receptacles will be located throughout the parking lot to provide easy access to users for refuse disposal. The trash receptacles should be emptied at least once every two weeks, or more frequently as the site uses require.

Note on Change of Ownership
Should the property change hands at any point in the future, the owner is responsible to distribute Storm water literature available through the City of Murrieta. The most current pamphlets and brochures have been included in Appendix D.

Appendix D includes copies of the educational materials that will be used in implementing this project-specific WQMP.

V.3 TREATMENT CONTROL BMPS

From the Riverside County Stormwater Quality Best Management Practice Design handbook we get the required volume and flow for this project. Please see Appendix F for the calculations. Here is the summary of Worksheets 1 and 2:

Summary of Required Water Quality Volume and Flows
From worksheet 1 the required volume is 29,697 cf.
From worksheet 2 the required flows are:

Basin B = 0.271 cfs
Basin C = 0.135 cfs
Basin D = 0.129 cfs

These values will be used as minimum criteria to design the proposed treatment control BMPs.

The treatment control BMPs used in this project are the following:

- Manufactured/ Proprietary Devices (Drain Inserts)
- Infiltration Basin
- StormChamber™

Manufactured/ Proprietary Devices (Drain Inserts) - The model that this project will use is the FloGard® +Plus by Kristar. This model is designed to capture sediment, debris, trash & oils/grease from low (first flush) flows. A high flow bypass allows flows to bypass the device while retaining sediment & larger floatable & allows sustained maximum design flows under extreme weather conditions. FloGard® +Plus catch vbasin inserts are recommended for areas subject to silt & debris as well as low to moderate levels of petroleum hydrocarbons. Examples of such areas are vehicle parking lots and streets.

Infiltration Basin – is an earthen basin design to capture the design volume of run off and infiltrate that stormwater back into the pervious natural surrounding soil. These basins have only an emergency spillway, not a standard outlet, although a relief combination of grass swale with filtration trench below it. The grass swales have shallow slopes and is a densely vegetated channel. As the runoff contacts with the vegetation, water quality is improved by plant uptake of pollutants, removal of sediment, and an increase in filtration.The filtration part of this BMP has sand & gravel filters with a perforated pipe that collects the filtered runoff and conveys it to the downstream storm drain system.

StormChamber™ - StormChamber™ is a type of on-site detention product. It was design to comply with the new EPA Phase II storm water and Total Maximum Daily Load (TMDL) regulations. It is a product that can manage the control of storm water runoff, sediment control, and nutrient removal. StormChamber™ maximize the benefits of stormwater water quality BMPs as well as stormwater storage, while providing for recharge of groundwater supplies through infiltration.

The StormChamber™ has over 60% more storage capacity than the next largest plastic stormwater chamber on the market. A StormChamber™ system functions best as an infiltration BMP, but is also a highly affective water quality BMP in soils with low infiltrations rates.

StormChambers™ provide the low cost, highest water quality, underground stormwater quality and quantity BMP. Their open bottoms allow for infiltration of stormwater, providing recharge of groundwater, mimicking pre-development stormwater runoff conditions. By mimicking pre-construction hydrology, Hydrologic Solutions' StormChambers™ significantly contribute to low impact/sustainable development goals, and watershed management.

Treatment Control BMP Sequence of Runoff Cleaning

Most of the runoff from the parking areas goes to the bio / filter combo BMP & then flows into catch basins with water drain inserts. Other runoffs go directly into catch basins with water quality inlets. All of these runoff are then conveyed to the StormChamber™. The StormChamber™ is designed to accommodate the whole increase runoff volume for the 10 year 24 hour storm. Runoff is then allowed to infiltrate to the ground. Vector breeding is prevented since the chamber is underground. In the unlikely event that the chamber fails, an "Overflow Staging Basin" is incorporated into the site plan so that outlet velocities can be controlled.

Table 3: Treatment Control BMP Selection Matrix

Pollutant of Concern	Treatment Control BMP Categories[9]							
	Veg. Swale /Veg. Filter Strips	Detention Basins[2]	Infiltration Basins & Trenches/Porous Pavement[3][10]	Wet Ponds or Wetlands	Sand Filter or Filtration	Water Quality Inlets	Hydrodynamic Separator Systems [4]	Manufactured/ Proprietary Devices
Sediment/Turbidity Y☒ N☐	H/M ☐	M ☒	H/M ☐	H/M ☐	H/M ☒	L ☐	H/M (L for turbidity) ☐	U ☒
Nutrients Y☒ N☐	L ☐	M ☒	H/M ☐	H/M ☐	L/M ☒	L ☐	L ☐	U ☒
Organic Compounds Y☒ N☐	U ☐	U ☐	U ☐	U ☐	H/M ☐	L ☐	L ☐	U ☒
Trash & Debris Y☒ N☐	L ☐	M ☒	U ☐	U ☐	H/M ☒	M ☒	H/M ☐	U ☒
Oxygen Demanding Substances Y☒ N☐	L ☐	M ☒	H/M ☐	H/M ☐	H/M ☒	L ☐	L ☐	U ☒
Bacteria & Viruses Y☒ N☐	U ☐	U ☐	H/M ☐	U ☐	H/M ☒	L ☐	L ☐	U ☒
Oils & Grease Y☒ N☐	H/M ☐	M ☒	U ☐	U ☐	H/M ☒	M ☒	L/M ☐	U ☒
Pesticides (non-soil bound) Y☒ N☐	U ☐	U ☐	U ☐	U ☐	U ☐	L ☒	L ☐	U ☒
Metals Y☒ N☐	H/M ☐	M ☒	H ☐	H ☐	H ☒	L ☐	L ☐	U ☒

Abbreviations:

L: Low removal efficiency H/M: High or medium removal efficiency U: Unknown removal efficiency

Notes:

(1) Periodic performance assessment and updating of the guidance provided by this table may be necessary.

(2) Includes grass swales, grass strips, wetland vegetation swales, and bioretention.

(3) Includes extended/dry detention basins with grass lining and extended/dry detention basins with impervious lining. Effectiveness based upon minimum 36-48-hour drawdown time.

(4) Includes infiltration basins, infiltration trenches, and porous pavements.

(5) Includes permanent pool wet ponds and constructed wetlands.

(6) Includes sand filters and media filters.

(7) Also known as hydrodynamic devices, baffle boxes, swirl concentrators, or cyclone separators.

(8) Includes proprietary stormwater treatment devices as listed in the CASQA Stormwater Best Management Practices Handbooks, other stormwater treatment BMPs not specifically listed in this WQMP, or newly developed/emerging stormwater treatment technologies.

(9) Project proponents should base BMP designs on the Riverside County Stormwater Quality Best Management Practice Design Handbook. However, project proponents may also wish to reference the California Stormwater BMP Handbook – New Development and Redevelopment (www.cabmphandbooks.com). The Handbook contains additional information on BMP operation and maintenance.

(10) Note: Projects that will utilize infiltration-based Treatment Control BMPs (e.g., Infiltration Basins, Infiltration Trenches, Porous Pavement) must include a copy of the property/project soils report as Appendix E to the project-specific WQMP. The selection of a Treatment Control BMP (or BMPs) for the project must specifically consider the effectiveness of the Treatment Control BMP for pollutants identified as causing an impairment of Receiving Waters to which the project will discharge Urban Runoff.

V.4 EQUIVALENT TREATMENT CONTROL ALTERNATIVES

Stormchamber™ is equivalent to detention pond & infiltration basin.

V.5 REGIONALLY-BASED TREATMENT CONTROL BMPS

Not Applicable.

VI. Operation and Maintenance Responsibility for Treatment Control BMPs

Operation and maintenance (O&M) requirements for all structural Source Control and Treatment Control BMPs shall be identified in the project-specific WQMP. The project-specific WQMP shall address the following:

- Identification of each BMP that requires O&M.
- Thorough description of O&M activities, the O&M process, and the handling and placement of any wastes.
- BMP start-up dates.
- Schedule of the frequency of O&M for each BMP.
- Identification of the parties (name, address, and telephone number) responsible for O&M, including a written agreement with the entities responsible for O&M. This agreement can take the form of a Covenant and Agreement recorded by the Project Proponent with the County Recorder, HOA or POA CC&Rs, formation of a maintenance district or assessment district or other instrument sufficient to guarantee perpetual O&M. The preparer of this project-specific WQMP should carefully review Section 4.6 of the WQMP prior to completing this section of the project-specific WQMP.
- Self-inspections and record-keeping requirements for BMPs (review local specific requirements regarding self-inspections and/or annual reporting), including identification of responsible parties for inspection and record- keeping.
- Thorough descriptions of water quality monitoring, if required by the Co-Permittee.

Operation and maintenance for all Source Control and Treatment Control BMPs proposed in this plan shall be the responsibility of the Owner/developer and the future management company of the property. A "BMP Maintenance Agreement" shall be agreed between the Owner/ Developer & the City of Murrieta. This agreement will state that the city will take over the maintenance if the developer fails to do its job. All expenses shall be paid by the Owner/ Developer.

Education

Where people will be employed or contracted to perform activities that may impact Urban runoff, BMP training and education programs must be provided to all new employees within 6 months of hire date and annually thereafter.

Update and distribute as needed the latest practical informational materials to promote the prevention of Urban Runoff pollution. Owner/ developer or its maintenance operator will check for updated materials form the City of Murrieta and the Riverside Flood Control District at a minimum of once every six months or prior to the start of the rainy season.

Parking Lot Sweeping

Parking lots shall be inspected bi-monthly, including just prior to the start of the rainy season (October 1st). The frequency shall be no less than the frequency of street sweeping by the City of Murrieta on public streets.

Drainage Facility Inspection and Maintenance
At a minimum, routine maintenance of the privately owned drainage facilities should take place in the late summer or early fall prior to the start of the rainy season (October 1st). The drainage facilities must be cleaned if accumulated sediment/debris fills 25% or more of the sediment/debris storage capacity. Privately owned drainage facilities shall be inspected annually and the cleaning frequency shall be assessed. They shall be inspected monthly throughout the rainy season to check for clogging and other non-performance.

Manufacturer recommends that filter be serviced in a recurring basis. It is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year. Maintenance plan (annual): 3:3:1

- Three (3) system inspections
- Three (3) filter cleanings
- One (1) change and disposal of filter medium
- Inspect after every large storm
- Document every inspection and maintenance activity

Landscape & Irrigation System Design
Landscape irrigation shall be designed to employ rain shutoff devices to prevent irrigation during and after precipitation, to supply water according to a landscape area's specific water requirements, and to use flow reducers or shutoff valves triggered by a pressure drop to control water loss in the event of a broken sprinkler head or line.

Since native or adapted ornamental plants will be a part of the on-site landscaping, it is reasonable to conclude that these species are well adapted to potential pests, such that pesticide use will be kept to a minimum. Should pesticides be required at any time on this site, the pesticides used shall not contain Diazinon (AKA Spectracide) or Chlorpyrifos (AKA Dursban or Lorsbad) as these chemicals are known to pose significant risk to human health and welfare as well as the environment-animals and surface waters.

Fertilizers shall not be applied unless absolutely necessary. During the non-rainy season, appropriate mulch shall be amended into the soil of landscape areas to provide a continuous supply of nutrients to plants as a result of biodegradation of the materials, rather than adding liquid or solid synthetic, environmentally harmful chemicals to the site.

Any materials stored on site for maintenance of landscaping, etc. shall be stored in a covered area such as shed or equivalent.

The landscaping crew shall be under the supervision of the property management team. At a minimum, landscaping shall be scheduled bi-monthly.

1. Check landscape areas for sogginess, or standing water (indicating over irrigation)
2. Check irrigation timers for proper functioning and timing
3. Operate system and check for proper coverage and overspray
4. Check components for damage or excessive wear.

Fueling Areas
One gas station is proposed on site. Impermeable layers shall be installed underground to prevent ground water contamination. This site shall comply with all rules and regulations set forth by the state.

Air/Water Supply Area Drainage
All drainage collecting water from a supplied source, shall have a fossil filter insert installed for added filtration.

Trash Storage Areas
Trash storage areas are proposed for the site to contain dumpsters and recycling bins. Enclosures will be walled to prevent refuse and debris from leaving the project location. Regular cleaning of the trash storage areas will be required to prevent fugitive debris from leaving the site or entering the storm drain system. Waste management pick up will be scheduled based upon the expected use of the DPSSS employees. Should the dumpsters fill at a rate greater than expected, pick up scheduling shall be adjusted accordingly.

Trash receptacles will be located throughout the parking lot to provide easy access to users for refuse disposal. The trash receptacles should be emptied at least once every two weeks, or more frequently as the site uses require.

The trash collection areas shall be inspected monthly for the following items:

1. Trash containers in good serviceable condition
2. Presence of trash outside of receptacles
3. Presence of dirt or liquid spills
4. Trash and recycle container lids is in the closed position
5. Prohibitive signage in good conditioo.

Loading Docks
All loading docks shall have area drains collecting drainage collecting at low points. All collected drainage from these areas shall be filtered prior to entering the public storm drain system.

Outdoor Work Areas or Processing Areas
There are numerous restaurants proposed onsite. Each restaurant will be equipped with a sewer filter system that filters all processed foods, to prevent pollutants from entering the draioage system.

StormChamber™

- Inspect and monitor through the 10" PVC risers in the designated "sediment chambers". As needed, vacuum the sediment chamber. It is recommended that a log book be maintained showing the depth of water in the chambers at each observation in order to determine the rate at which the system dewaters after runoff producing storm events. Once the performance characteristics have been verified, the monitoring schedule can be reduced to an annual basis, unless performance data suggest that a more frequent schedule is required. Sediment should be removed when deposits approach within six inches of the invert heights of connecting pipes between StormChamber rows.
- Document every inspection and maintenance activity.

The manufacturer of StormChamber™ has outlined the operation & maintenance of the product. Please follow the steps as attached in Appendix F.

VII. Funding

Operation & maintenance of all BMPs proposed in this project are the responsibility of the Owner / Developer and the future management company of the property. A "Permanent BMPs Operation & Maintenance Agreement" shall be agreed between the Owner / Developer & the City of Murrieta. This agreement will state that the city will take over the maintenance if the developer fails to do its job. All expenses shall be paid by the Owner / Developer.

The current owner for this project and the responsible party for funding the operation and maintenance is:
AGK GROUP, LLC
34511 PASEO VIENTO
CAPISTRANO BEACH, CA 92624
(949) 661-7292

Appendix A

Conditions of Approval

Planning Commission Resolution _____

Dated _____

NOT YET FURNISHED

California Regional Water Quality Control Board

San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties
Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

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(858) 467-2952 • Fax (858) 571-6972
http:// www.waterboards.ca.gov/sandiego

2009 AUG -4 A 9:33

APPLICATION FOR CLEAN WATER ACT §401 WATER QUALITY CERTIFICATION

All applicants **must** provide a complete and detailed response to all sections of the application or the application will be deemed incomplete. Responses should not refer reader to an attachment. Any responses by reference must indicate the specific document(s) and page number(s) (include copies of the entire document). Indicate by Not Applicable (NA) all sections that do not apply, along with an explanation of why the project is exempt from the section.

332009-13

1. APPLICANT/AGENT INFORMATION	
Applicant's Name: A.G. Kading, Managing Partner Murrieta Education Center, LLC	Authorized Agent's Name and Title: Lisa M. Tollstrup, Ecologist/Regulatory Specialist' Tom Dodson & Associates
Applicant's Address: 35411 Paseo Viento Capistrano Beach, CA 92624	Agent's Address: 2150 N. Arrowhead Avenue San Bernardino, CA 92405
Applicant's Phone: (949) 661-7292	Agent's Phone: (909) 882-3612
Applicant's Phone:	Agent's Fax: (909) 882-7015
Applicant's Email:	Agent's Email: lisa@tdaenv.com

STATEMENT OF AUTHORIZATION

I hereby authorize Tom Dodson + Assoc. to act in my behalf as my agent in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.

Applicant's Signature
(This **must** be signed by the applicant, not the authorized agent.)

Date 6/24/2009

2. PROJECT/ACTIVITY INFORMATION

PROJECT NAME OR TITLE

Murrieta Higher Education Facility Development Plan

CRWQCB - REGION 8
JUL 06 2009

LOCATION OF PROJECT (See instructions.)

Street Address Northeast corner of Monroe Avenue and Fig Street

County Riverside City Murrieta

Assessor's Parcel Number(s) 910-020-009 and 910-020-014

Hydrologic Unit, Area, and Subarea Santa Margarita HU, Murrieta HA, Sub area HAS-902.32

Provide latitude and longitude for the proposed project.

Latitude 33 3' 46.92" N Longitude 117 10' 54.36" W (Center Reading)

Latitude 33 32' 40.81" N Longitude 117 10' 51.1" W

Latitude 33 32' 50.67" N Longitude 117 11' 01.82" W

Latitude 33 32' 54.4" N Longitude 117 10' 57.01" W

Latitude 33 32' 42.6" N Longitude 117 10' 49.30" W

DIRECTIONS TO PROJECT SITE (See instructions.)

Take interstate 15 to Murrieta. Take Murrieta Hot Springs Road west to Madison Avenue. Turn left on Madison Avenue to Fig Street. Turn left on Fig Street to Monroe Avenue. Project is northeast of the intersection of fig street and Monroe Avenue.

OWNERSHIP

Does the applicant own the project site? Yes ☒ No ☐

If the project site is not owned by the applicant, provide the name(s), address(es), and phone number(s) for the property owner(s) as well as evidence that the applicant has the necessary approvals to construct the project at this location.

Does the applicant plan on selling all or a portion of the site after receiving the necessary approvals?

Yes ☐ No ☒

Does the applicant plan on selling all or a portion of the site prior to starting construction?

Yes ☐ No ☒

10098

Bank of America

IRVINE INDUSTRIAL
4101 MacARTHUR BLVD.
NEWPORT BEACH, CA

MURRIETA EDUCATION CENTER LLC
35411 PASEO VIENTO
CAPISTRANO BEACH, CA 92624

16-66/1220 1101

6/22/2009

PAY TO THE ORDER OF State water resources Control board $ **640.00

Six Hundred Forty and 00/100********** DOLLARS

State water resources Control board

MEMO

⑈010098⑈ ⑆122000661⑆ 11016⑈70154⑈

If yes, provide the name(s), address(es), and phone number(s) of the future land owner(s).

Does the applicant plan on transferring the certification after receiving the necessary approvals and/or prior to starting construction?

Yes ☐ No ☒

If yes, provide the name(s), address(es), and phone number(s) of the future transferee(s).

AFFECTED WATER BODY(IES) (See instructions.)

List all affected water body(ies).

The two project site drainages drain to the Santa Margarita River via Murrieta Creek.

List water velocities and shear for the 2, 5, 10, 50, and 100 storm water elevations for each water body.

Not available

Are any of the water body(ies) considered isolated per SWANCC or Rapanos? Yes ☐ No ☒

NEED FOR PROJECT (See instructions.)

The project is a multi-use development with focus on a higher education center with classrooms, professional offices, retail, and supporting uses. It provides floor space for different institutions of higher learning at a regional center. Currently, there is no development within the Murrieta/Temecula developed for multi-institutional educational uses. The proposed project would reduce travel time, and therefore traffic congestion and auto emissions for commuting students, as there would be an opportunity to attend classes locally, at a de-facto satellite campus of a regional institution , rather than travelling to larger more distant urban areas in southern California to attend classes.

DESCRIPTION OF ACTIVITY (See instructions.)

THE PROPOSED PROJECT IS A MIXED USE DEVELOPMENT WITH FOCUS ON EDUCATIONAL FACILITIES, PROFESSIONAL OFFICES, AND SUPPORTING USES. THE PROPOSED PROJECT IS IDENTIFIED AS THE MURRIETA EDUCATION CENTER, AND IF APPROVED, IT WOULD INCLUDE: A RETAIL CENTER; TWO EDUCATION BUILDINGS DESIGNATED FOR CLASSROOM AND RESEARCH OFFICE SPACE; A CENTRAL BUILDING; AND PARKING AREAS TO SUPPORT ALL OF THE PROPOSED USES. IN ADDITION TO THESE ONSITE FACILITIES, THE PROJECT IS REQUIRED TO: (1) CONSTRUCT ONE-HALF WIDTH ROADWAY

Has any portion of the work been initiated? Yes ☐ No ☒

If yes, describe the initiated work and explain why it was initiated prior to obtaining a permit; indicate whether any enforcement action has been taken against the project.

AVOIDANCE OF IMPACTS (See instructions.)

The proposed project fills the northerly drainage, but leaves much of the southerly drainage undisturbed to be used as a natural landscape feature.

MINIMIZATION OF IMPACTS (See instructions.)

The project design will ensure that the stream flows and water quality downstream from the project remain essentially unchanged from existing conditions after implementation of the project. The project site consists of two or three ridges that are divided by two stream channels. Monroe Avenue is also crossed by a small stream channel. Surface runoff from Interstate 15 and the area to the immediate north is collected and concentrated and delivered to these channels through culverts beneath the freeway. The proposed onsite development will fill one channel and carry the runoff through the property in a deeply buried culvert. The other channel will have a portion left in its existing condition. The remaining on-site portion will be filled and piping will be installed to allow for development of part of the parking lot. A culvert will be placed within the Monroe Avenue alignment in order to protect this future roadway.

Additional runoff will be generated from the project site due to impervious surface associated with the proposed buildings, parking structures and paving. However, the incremental runoff generated on the site will be captured and detained on the project site. The onsite riparian habitat mitigation area is expected to use the additional surface runoff generated from the project site. Additional percolation will likely occur on the project site after development.

PROTECTION OF WATER QUALITY – CONSTRUCTION (See instructions.)

The City requires compliance with Best Management Practices to manage clean-up of potential spills of hazardous materials during construction. The following mitigation measure is included in the initial study and was adopted as part of the Mitigated Negative Declaration:

VII.b-1 All spills or leakage of petroleum products during construction activities will be remediated in compliance with applicable state and local regulations regarding cleanup and disposal of the contaminant released. The contaminated waste will be collected and disposed of at an appropriately licensed disposal or treatment facility.

PROTECTION OF WATER QUALITY – POST-CONSTRUCTION (See instructions.)

This project would discharge into the regional system that flows into Murrieta Creek and eventually the Santa Margarita River. Varying amounts of urban pollutants, such as motor oil, antifreeze, gasoline, pesticides, detergents, trash, animal wastes, and fertilizers, could be introduced into downstream stormwater. However, the proposed project is not anticipated to generate discharges that would require pollution controls beyond those already designed into the project and/or required by the City as a standard operating procedure to meet water quality management requirements.

The proposed development would install onsite and offsite drainage improvements, including a detention basin, and connect to existing drainage channels downstream. A project water quality management plan has been prepared by Excel Engineering and is titled "Project Specific Water Quality Management Plan For: APN 910-020-009, 910-020-014, Murrieta Education Center City of Murrieta Riverside County, California" (January 4, 2008).

The City and County have adopted stringent best management practices designed to control discharge of non-point source pollution that could result in a significant adverse impact to surface water quality. The City in particular has implemented a stringent non-point source water pollution control program. The City has identified best management practices (BMPs) that when implemented, can ensure that neither significant erosion and sedimentation, nor other water quality degrading impacts will occur as a result of developing the project. Although BMPs are mandatory for the project to comply with established pollutant discharge requirements, the following mitigation measure from the Initial Study is designed to establish a performance standard to ensure that the degree of water quality control is adequate to ensure the project does not contribute significantly to downstream water quality degradation:

VIII.c-1 The project proponent will select best management practices from the range of practices identified by the City and reduce future non-point source pollution in surface water runoff discharges from the site to the maximum extent practicable, both during construction and following development. The Storm Water Pollution Prevention Plan (SWPPP) and Water Quality Management Plan (WQMP) shall be submitted to the City for review and approval prior to ground disturbance and the identified BMPs installed in accordance with schedules contained in these documents. Compliance will also be ensured through fulfilling the requirements of a SWPPP and WQMP monitored by the City and the Regional Board. The SWPPP must incorporate the BMPs that meet the performance standard established for both construction and occupancy stages of the project.

The proposed development drainage facilities and offsite facilities will connect to existing drainage facilities and discharge at preconstruction levels into the regional drainage system. Therefore, the project is not anticipated to significantly change the volume of flows downstream of the project and would not be anticipated to change the amount of surface water in any water body in an amount that could initiate a new cycle of erosion or sedimentation downstream of the project site.

PROTECTION OF WATER QUALITY – IMPAIRED WATER BODY(IES). (See instructions.)

Are any of the water body(ies) within the project area, including impacted and preserved water body(ies), list as impaired on the Clean Water Act Section 303(d) list?

Yes ☐ No ☒

Are any of the water body(ies) within the project area a tributary to a Clean Water Act Section 303(d) water body(ies)?

Yes ☐ No ☒

Are any of the water body(ies) within the project area the subject of an adopted Total Maximum Daily Load (TMDL)?

Yes ☐ No ☒

If yes, provide a detailed description of the actions that will be taken to ensure that the project does not contribute additional pollutants to the water body(ies). Include a discussion of the pollutants causing the impairment, potential sources of pollutants, and construction and post-construction BMPs.

STATE OR FEDERALLY THREATENED OR ENDANGERED SPECIES IMPACTED BY THIS PROJECT (See instructions.)

Are any state or federally threatened or endangered species potentially impacted by this project?

Yes ☐ No ☒

If yes, provide a list of the potentially impacted species (with common name).

FILL AND DREDGE INFORMATION (See instructions.)

Water Body Type	Permanent Impact		Temporary Impact	
	Acres	Linear Feet	Acres	Linear Feet
ACOE Jurisdictional Wetland				
Streambed	0.16	680	0.02	75

Lake/Reservoir				
Ocean/Estuary/Bay				
Isolated Water (per SWANCC or Rapanos)				
CDFG Jurisdiction Only	0.05			

Provide the latitude and longitude for the proposed impacts.

Latitude 33 32' 50.99 N Longitude 117 10' 58.53' W (Center Reading)

Latitude 33 32' 43.54 N Longitude 117 10' 53.34" W

Latitude 33 3' 55.36" N Longitude 117 11' 06.06" W

Latitude _____ Longitude _____

Latitude _____ Longitude _____

Does the project involve dredging? Yes ☐ No ☒

If yes, provide the required information (See Instructions.)

Provide the latitude and longitude of the proposed dredging area.

Latitude _____ Longitude _____ (Center Reading)

Latitude _____ Longitude _____

Latitude _____ Longitude _____

Latitude _____ Longitude _____

Latitude _____ Longitude _____

DELINEATION INFORMATION (See instructions.)
Has the delineation been verified by the U.S. Army Corps? Yes ☐ No ☒

If yes, provide the date of verification. _____

Does the wetland delineation include the Arid West Region supplement? Yes ☐ No ☒

Provide the name, title, and affiliation of the person delineating the extent of Waters of the U.S. Also provide the date(s) of the wetland delineation.

3. OTHER LICENSES/PERMITS/AGREEMENTS

OTHER APPROVALS (See instructions.)

Agency	Contact (Include phone number, email)	License/Permit/Agreement	File Number	Date Applied	Status
City of Murrieta	Sonia Pierce	Development Plan and Conditional Use Permit	DPO-007-2 560	2007	Approved
Army Corps of Engineers		Section 404 NWP		June 2009	filed
Cal State Fish and Game		1602 Agreement		June 2009	filed

Does the project require a Federal Energy Regulatory Commission (FERC) license or amendment to a FERC license?

Yes ☐ No ☒

4. COMPENSATORY MITIGATION

Is compensatory mitigation proposed? Yes ☒ No ☐

(See instructions for definitions.)

Water body Type/Plant Community Type	Establishment (Acres, Linear Feet)	Restoration (Acres, Linear Feet)	Enhancement (Acres, Linear Feet)	Preservation (Acres, Linear Feet)
Riparian	0.2 acres			

How many acres or linear feet of mitigation area are considered waters of the U.S.?

unknown

What is the range of depths to groundwater across the proposed mitigation area?

Approximately 60 feet

Is the mitigation site owned by the applicant? Yes ☒ No ☐

If no, provide the name(s), address(es), and phone number(s) of the land owner and evidence (e.g., agreements, contracts, etc.) that the applicant has the necessary approvals to implement mitigation at this location. If the land is to be purchased, provide the expected date that the purchase will be complete.

Provide the location of the Compensatory Mitigation.

Street Address _____

County _____ City _____

Assessor's Parcel Number(s) _____

Hydrologic Unit, Area, and Subarea _____

Latitude _____ Longitude _____ (Center Reeding)

Latitude _____ Longitude _____

Latitude _____ Longitude _____

Latitude _____ Longitude _____

Latitude _____ Longitude _____

MITIGATION BANK/IN-LIEU FEE PROGRAM (If proposed, See instructions.)

Mitigation Bank/In-Lieu Fee Name: Not known

Name of Mitigation Bank/In-Lieu Fee Operator: _____

Office Address of Operator/Phone Number: _____

Mitigation Bank/In-Lieu Fee Location: Latitude:_____ Longitude:_____

County: _____ City:_____

Mitigation Bank/In-Lieu Fee Water Body type(s): _____

Mitigation Area (acres or linear feet) and cost (dollar): _____

5. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Document Type/Title: Initial Study for the Murrieta Higher Education Facility Development

Lead Agency and Contact Information (name, address, phone number):

Name Sonia Pierce, City of Murrieta

Address One Town Center, Murrieta, CA 92562

Phone Number (951) 304-2489

State Clearinghouse Number: 2008101093

Has the document been certified/approved and/or has a Notice of Exemption been filed?

Yes ☒ No ☐

(If yes, include a copy of the cartification. If no, provide the expected approval date and document type.)

Is this project considered an "emergency" pursuant to CEQA? Yes ☐ No ☒

*Note: Section 401 certification will not be granted without a certified CEQA document.

6. ADDITIONAL IMFORMATION

PAST/FUTURE IMPACTS AND CUMULATIVE IMPACTS (See instructions.)

None. Implementation of Mitigation will ensure no cumulative impacts to resources occur.

7. APPLICATION FEE

FILING FEE

A fee deposit of $640.00 is required to be submitted with this application. Additional fees, based on the extent of impacts, may be due. A fee schedule and calculator can be found at: http://www.waterboards.ca.gov/water_issues/programs/cwa401/

Is check payable to the "State Water Resources Control Board" attached? Yes ☒ No ☐

Check No. _____ Amount _____

8. SIGNATURE

I herby certify under penalty of perjury that the information provided in this application and in any attachments are true and accurate to the best of my knowledge. I further certify that I possess the necessary authority to undertake work described in this application.

_____ _____

Applicant's Printed Name Title

_____ _____

Applicant's Signature Date

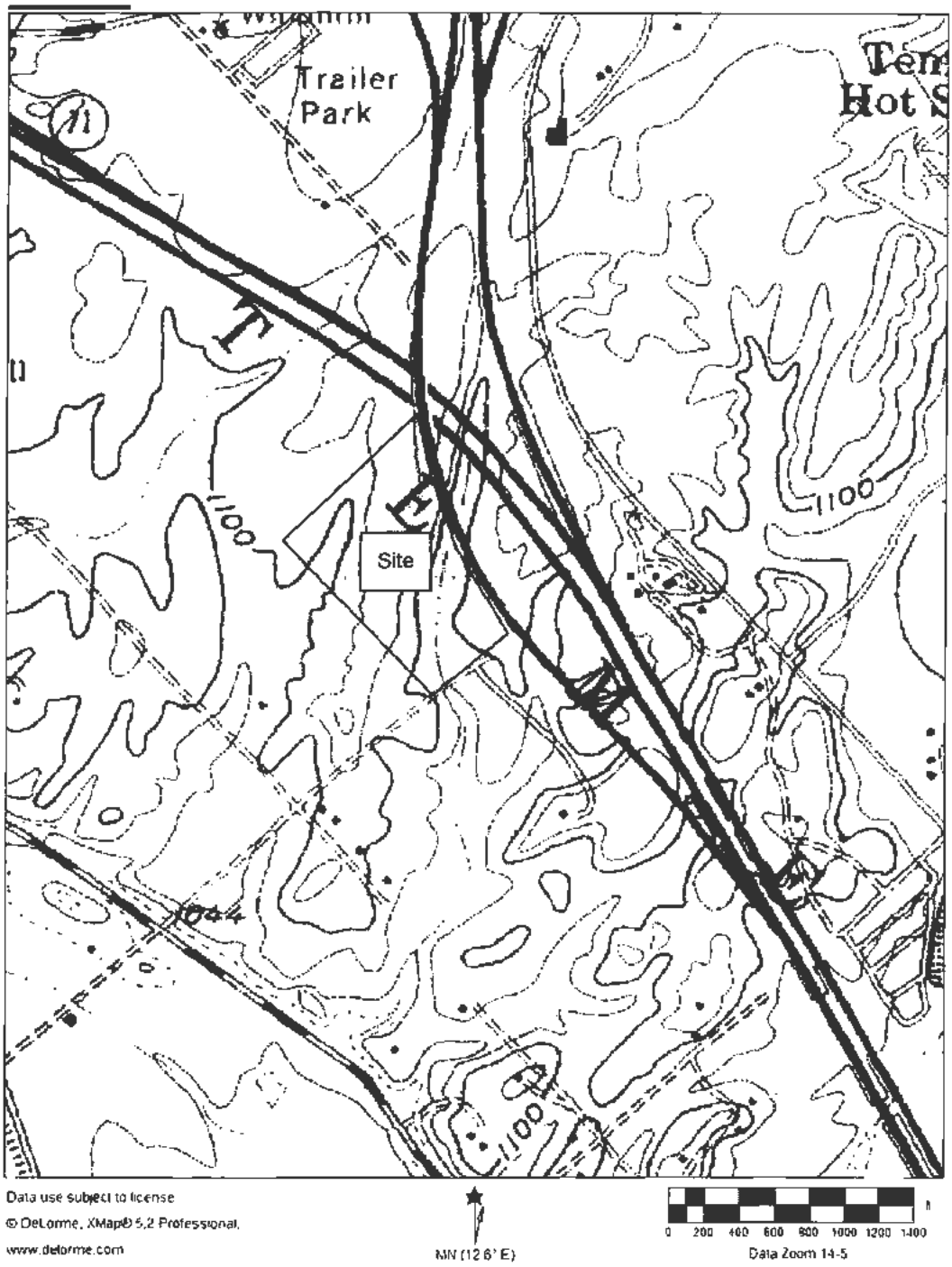
(This **must** be signed by the applicant, not the authorized agent)

Attach the appropriate fee and any additional documents and submit this application to:

California Regional Water Quality Control Board, San Diego
Attn: 401 Water Quality Certification
9174 Sky Park Court, Suite 100
San Diego, CA 92123

FIGURE 1 – REGIONAL LOCATION MAP

FIGURE 2 – SITE LOCATION MAP



U.S. Army Corps of Engineers
South Pacific Division

COPY

Nationwide Permit Pre-Construction Notification (PCN) Form

This form integrates requirements of the Nationwide Permit Program within SPD, including General and Regional Conditions. Please consult instructions prior to completing this form.

Box 1 Project Name **Murrieta Higher Education Facility Development Plan**			
Applicant Name **A.G. Kading**		**Applicant Title** **Managing Member**	
Applicant Company, Agency, etc. **Murrieta Education Center, LLC**		Applicant's internal tracking number (if any)	
Mailing Address 34511 Paseo Viento, Capistrano Beach, CA 92624			
Work Phone with area code (949) 661-7292	Home Phone with area code	Fax # with area code	E-mail Address
Relationship of applicant to property: ☒ Owner ☐ Purchaser ☐ Lessee ☐ Other:			
Application is hereby made for verification that subject regulated activities associated with subject project qualify for authorization under a Corps nationwide permit or permits as described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agency to which this application is made, the right to enter the above-described location to inspect the proposed, in-progress or completed work. I agree to start work only after all necessary permits have been received.			
Signature of applicant		Date (m/d/yyyy) 6/24/2009	

Box 2 Authorized Agent/Operator Name (*If an agent is acting for the applicant during the permit process*) Lisa Tollstrup			
Agent/Operator Title **Ecologist/Regulatory Specialist**		**Agent/Operator Company, Agency, etc.** **Tom Dodson & Associates**	
Mailing Address 250 N. ARROWHEAD AVENUE			
Work Phone with area code (909) 882-3612	Home Phone with area code	Fax # with area code (909) 882-7015	E-mail Address lisa@tdaenv.com
I hereby authorize the above named authorized agent to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application. I understand that I am bound by the actions of my agent and I understand that if a federal or state permit is issued, I, or my agent, must sign the permit.			
Signature of applicant		Date (m/d/yyyy) 6/24/2009	
I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate.			
Signature of authorized agent		Date (m/d/yyyy)	

BOX 3 NAME OF PROPERTY OWNER(S), IF OTHER THAN APPLICANT: SAME AS APPLICANT	
Owner Title	**Owner Company, Agency, etc.**
Mailing Address	
Work Phone with area code	Home Phone with area code

BOX 4 NAME OF CONTRACTOR(S) (IF KNOWN): NOT KNOWN	
Contractor Title	**Contractor Company, Agency, etc.**
Mailing Address	
Work Phone with area code	Home Phone with area code

Box 5 Site Number 1 **of** 1. **Project location(s), including street address, city, county, state, zip code where proposed activity will occur:** 12.49 ACRES NORTHEAST OF MONROE AVENUE, SOUTHWEST OF INTERSTATES 15 AND 215,AND NORTHWEST OF FIG STREET IN THE CITY OF MURRIETA, COUNTY OF RIVERSIDE, CA 92562	
Waterbody (if known, otherwise enter "an unnamed tributary to"): Tributary to what known, downstream waterbody:Murrieta Creek	
Latitude & Longitude (D/M/S, DD, or UTM): 33 32' 48.6" N, 117 10' 54.86" W	Zoning Designation (no codes or abbreviations): Multiple Use
Assessors Parcel Number: 910-020-009 and 910-020-014	Section, Township, Range: Section 22, Township 7 South, Range 3 West
USGS Quadrangle map name: Murrieta	
Watershed and other location descriptions, if known: Santa Margarita Watershed	
Directions to the project location: Take Interstate 15 to Murrieta and take Murrieta Hot Springs Road west. Turn left on Madison Avenue, left on Fig Street and left on Monroe Avenue. The project is located northeast of the intersection of Fig street and Monroe Avenue.	

Revised July 14, 2008. For the most recent version of this form, visit your Corps District's Regulatory website.

Nature of Activity (Description of project, include all features, see instructions):
THE PROPOSED PROJECT IS A MIXED USE DEVELOPMENT WITH FOCUS ON EDUCATIONAL FACILITIES, PROFESSIONAL OFFICES, AND SUPPORTING USES. THE PROPOSED PROJECT IS IDENTIFIED AS THE MURRIETA EDUCATION CENTER, AND IF APPROVED, IT WOULD INCLUDE: A RETAIL CENTER; TWO EDUCATION BUILDINGS DESIGNATED FOR CLASSROOM AND RESEARCH OFFICE SPACE; A CENTRAL BUILDING; AND PARKING AREAS TO SUPPORT ALL OF THE PROPOSED USES. IN ADDITION TO THESE ONSITE FACILITIES, THE PROJECT IS REQUIRED TO: (1) CONSTRUCT ONE-HALF WIDTH ROADWAY IMPROVEMENTS ALONG MONROE AVENUE FROM ITS INTERSECTION WITH GUAVA STREET SOUTHEAST TO THE SOUTHEASTERN PROPERTY BOUNDARY AT THE EXTENSION OF FIG STREET; (2) CONSTRUCT FULL WIDTH IMPROVEMENTS ON GUAVA STREET FROM THE CURRENT IMPROVED ROADWAY TO THE INTERSECTION OF GUAVA AND MONROE (ABOUT ONE-QUARTER MILE); (3) CONSTRUCT FULL WIDTH IMPROVEMENTS ON JORDAN LANE FROM THE CURRENT IMPROVED ROADWAY TO THE INTERSECTION OF JORDAN AND MONROE (ABOUT ONE-QUARTER MILE); AND INSTALL ALL UTILITIES IN ROADWAYS WITHIN THE OFFSITE ROADWAYS.

THE PROPOSED DEVELOPMENT WOULD RESULT IN THE CONSTRUCTION OF AN APPROXIMATE 195,000 SQUARE FOOT (SF) EDUCATION CENTER AND 735 PARKING STALLS. IT IS ANTICIPATED THAT THE PROJECT COMPONENTS WILL BE DEVELOPED IN ONE CONTINUOUS PHASE. WITHIN THE PARKING AREA IS A STREAM CHANNEL THAT WILL BE LEFT IN ITS NATURAL CONDITIONWITH THE EXCEPTION OF CHANNELING TH STREAM FLOWS IN A PIPE UNDER PART OF THE PARKING LOT.

SITE GRADING WILL INVOLVE HANDLING AN ESTIMATED 268,000 CUBIC YARDS OF MATERIAL, WITH ABOUT 1,500 CUBIC YARDS OF IMPORTED MATERIAL BEING DELIVERED TO THE SITE.

THE GUAVA STREET ALIGNMENT IS GRADED AND DOES NOT HAVE ANY NATIVE HABITAT WITHIN ITS AREA OF POTENTIAL EFFECT (APE). THE MONROE AVENUE ALIGNMENT IS ALSO GRADED, BUT DOES HAVE TWO CHANNEL CROSSINGS (BOTH CULVERTS). THE JORDAN LANE ALIGNMENT HAS BEEN GRADED AND REMAINS DISTURBED, BUT IS BEING INVADED BY NON-NATIVE PLANTS AND LIMITED ELEMENTS OF COASTAL SAGE SCRUB. EACH ALIGNMENT WILL BE IMPROVED WITH A PAVED ROADWAY SECTION CONSISTENT WITH GENERAL PLAN CIRCULATION ELEMENT ROADWAY DESIGNATIONS AND DRAINAGE IMPROVEMENTS, INCLUDING NEW CULVERTS SIZED TO HANDLE DESIGN FLOWS WITHIN THE CREEK AND TRANSMIT THEM DOWNSTREAM WITHIN THE SAME CHANNEL.

Revised July 14, 2008. For the most recent version of this form, visit your Corps District's Regulatory website.

Project Purpose (Description the reason or purpose of the project, see instructions):
THE PROJECT'S OBJECTIVE IS TO PROVIDE A FACILITY TO HOUSE HIGHER EDUCATION PROGRAMS TO RESIDENTS OF THE CITY OF MURRIETA AND SURROUNDING AREA. NO SINGLE LOCATION IS PRESENTLY AVAILABLE IN THE REGION TO HOUSE HIGHER EDUCATION FACILITIES. THE PROPOSED PROJECT WILL PROVIDE A SITE FOR "SATELLITE" EDUCATIONAL FACILITIES FOR COLLEGES AND UNIVERSITIES IN THE REGION. IT WILL ALSO PROVIDE CLASS A OFFICE SPACE FOR BUSINESSES WITHIN THE LOCAL AREA AND LIMITED RETAIL AND SERVICE USES.

SPECIFICALLY THE PRIMARY OBJECTIVES OF THE MURRIETA HIGHER EDUCATION FACILITY PROJECT ARE:

- TO CREATE A MIXED USE ENVIRONMENT TO REDUCE VEHICLE TRIPS BY LOCATING THE EDUCATION FACILITY IN CONJUNCTION WITH RETAIL AND DAY CARE OPPORTUNITIES.

- TO ESTABLISH A REGIONAL FACILITY TO ENHANCE LOCAL OPPORTUNITIES FOR HIGHER EDUCATION.

Revised July 14, 2008. For the most recent version of this form, visit your Corps District's Regulatory website.

Use Box 6 if dredged and/or fill material is to be discharged:

Box 6 Reason(s) for Discharge into waters of the United States:

GRADING AND IMPROVEMENTS REQUIRED TO IMPLEMENT PROJECT ON PROJECT SITE

Type(s) of material being discharged and the amount of each type in cubic yards:

On-site or imported clean fill. 268,000 cubic yards grading with 1,500 cubic yards imported material over entire 12.49 acre site and off-site improvements.

Total surface area in acres of wetlands or other waters of the U.S. filled (see instructions):

0.16 acres permanent, additional 0.02 acres temporary imacts (includes on and off-site impacts).

Indicate in ACRES and LINEAR FEET (where appropriate) the proposed impacts to **waters of the United States**, and identify the impact(s) as permanent and/or temporary for each water body type listed below:

	Permanent		Temporary	
Water Body Type	**Acres**	**Linear feet**	**Acres**	**Linear feet**
Wetland	N/A			
Riparian streambed	0.06	175		
Unveg. streambed	0.06	430		
Lake	N/A			
Ocean	N/A			
Other	0.04	75	0.02	75
Total:	0.16	680	0.02	75

Potential indirect and/or cumulative impacts of proposed discharge (if any):

The impacts of the proposed discharge would be fully mitigated by enhancement and/or creation of 0.2 acres of riparian habitat on the project site, an alternative site, or through purchase of mitigation credits at a habitat mitigation bank.

Required drawings (see instructions):

Vicinity map: ☒ Attached (or mail copy separately if applying electronically)

To-scale Plan view drawing(s): ☒ Attached (or mail copy separately if applying electronically)

To-scale elevation and/or Cross Section drawing(s): ☒ Attached (or mail copy separately if applying electronically)

Has a wetlands/waters of the U.S. delineation been completed?

☒ Yes, Attached (or mail copy separately if applying electronically) ☐ No

If a delineation has been completed, has it been verified in writing by the Corps?

☐ Yes, Date of approved jurisdictional determination (m/d/yyyy): Corps file number: ☒ No

Revised July 14, 2008. For the most recent version of this form, visit your Corps District's Regulatory website.

Please attach[1] one or more color photographs of the existing conditions (aerials, if possible).
[1]or mail copy separately if applying electronically

Dredge Volume: Indicate in CUBIC YARDS the quantity of material to be dredged or used as fill:

Indicate type(s) of material proposed to be discharged in waters of the United States:
Native (on-site) and imported clean fill dirt

For proposed discharges of dredged material into waters of the U.S. (including beach nourishment), please attach[2] a proposed Sampling and Analysis Plan (SAP) prepared according to Inland Testing Manual (ITM) guidelines (including Tier I information, if available).

[2] or mail copy separately if applying electronically

Is any portion of the work already complete? ☐ YES ☒ NO
If yes, describe the work:

Box 7 Intended NWP number (1st)[3]: 39
Intended NWP number (2nd): 14
Intended NWP number (3rd):

[3] Enter the intended permit type(s). See NWP regulations for permit types and qualification information (http://www.usace.army.mil/inet/functions/cw/cecwo/reg/nationwide_permits.htm).

Box 8 Authority:
Is Section 10 of the Rivers and Harbors Act applicable?: ☐ YES ☒ NO

Is Section 404 of the Clean Water Act applicable?: ☒ YES ☐ NO

Box 9 Is the discharge of fill or dredged material for which Section 10/404 authorization is sought part of a larger plan of development?: ☐ YES ☒ NO

If discharge of fill or dredged material is part of development, name and proposed schedule for that larger development (start-up, duration, and completion dates):

Location of larger development (If discharge of fill or dredged material is part of a plan of development, a map of suitable quality and detail of the entire project site should be included):

Total area in acres of entire project area (including larger plan of development, where applicable):

Box 10 Threatened or Endangered Species
Please list any federally-listed (or proposed) threatened or endangered species or critical habitat within the project area (use scientific names (e.g., Genus species), if known):

a. NONE b.
c. d.
e. f.

Have surveys, using U.S. Fish and Wildlife Service/NOAA Fisheries protocols, been conducted?
☐ Yes, Report attached (or mail copy separately if applying electronically) ☒ No

If a federally-listed species would be impacted, please provide a description and a biological evaluation.
☐ Yes, Report attached (or mail copy separately if applying electronically) ☐ Not attached

Has the USFWS/NOAA Fisheries issued a Biological Opinion?
☐ Yes, Attached (or mail copy separately if applying electronically) ☒ No
If yes, list date Opinion was issued (m/d/yyyy):

Has Section 7 consultation been initiated by another federal agency?
☐ Yes, Initiation letter attached (or mail copy separately if applying electronically) ☒ No

Has Section 10 consultation been initiated for the proposed project?
☐ Yes, Initiation letter attached (or mail copy separately if applying electronically) ☒ No

Box 11 Historic properties and cultural resources:
Please list any historic properties listed (or eligible to be listed) on the National Register of Historic Places:

a. None b.
c. d.
e. f.

Are any cultural resources of any type known to exist on-site?
☐ Yes ☒ No

Has an archaeological records search been conducted?
☒ Yes, Report attached (or mail copy separately if applying electronically) ☐ No

Has a archaeological pedestrian survey been conducted for the site?
☒ Yes, Report attached (or mail copy separately if applying electronically) ☐ No

Has a Section 106 MOA been signed by another federal agency and the SHPO?
☐ Yes, Attached (or mail copy separately if applying electronically) ☒ No
If yes, list date MOA was signed (m/d/yyyy):

Has Section 106 consultation been initiated by another federal agency?
☐ Yes, Initiation letter attached (or mail copy separately if applying electronically) ☒ No

Box 12 Measures taken to avoid and minimize impacts to waters of the United States (if any):

Part of the southerly streambed will be avoided and left in a natural state.

Include multiple copies of Box 13 for separate sites.

Box 13 Proposed Compensatory Mitigation (site 1 of 1) related to fill/excavation and dredge activities. Indicate in ACRES and LINEAR FEET (where appropriate) the total quantity of waters of the United States proposed to be created, restored, enhanced and/or preserved for purposes of providing compensatory mitigation. Indicate water body type (wetland, riparian streambed, unvegetated streambed, lake, ocean, other) or non-jurisdictional (uplands[5]). Indicate mitigation type (on- or off-site by applicant, mitigation bank, in-lieu fee program):

Water Body Type	Created	Restored	Enhanced	Preserved	Mitigation type
Riparian habitat	0.2 acre		-	-	On or off-site by applicant, or by purchase of mitigation credits.
	-	-		-	
Totals:					

[5] For uplands, please indicate if designed as an upland buffer.

If no mitigation is proposed, provide detailed explanation of why no mitigation would be necessary:

N/A

Has a draft/conceptual mitigation plan been prepared in accordance with the Army Corps of Engineers District guidelines? ☒ Yes, Attached (or mail copy separately if applying electronically) ☐ No

Mitigation site Latitude & Longitude (D/M/S, DD, or UTM): Project Site: Lat 33/33/02.53, Lon 117/11/11.35 33.550707, 117.1864861	USGS Quadrangle map name: "Murrieta" 7.5 min. Quad
Assessors Parcel Number: 910-020-009 and 910-00-014	Section, Township, Range: unsectioned, T6S, R3W
Other location descriptions, if known: N/A	

Directions to the mitigation location:
N/A

Revised July 14, 2008. For the most recent version of this form, visit your Corps District's Regulatory website.

Box 14 Water Quality Certification (see instructions):
Applying for certification? ☒ Yes, Attached (or mail copy separately if applying electronically) ☐ No

Certification issued? ☐ Yes, Attached (or mail copy separately if applying electronically) ☒ No

Exempt? ☐ Yes ☒ No
If exempt, state why: Agency concurrence? ☐ Yes, Attached ☐ No

Box 15 Coastal Zone Management Act (see instructions):
Is the project located within the Coastal Zone? ☐ Yes ☒ No

If yes, applying for a coastal commission-approved Coastal Development Permit?
☐ Yes, Attached (or mail copy separately if applying electronically) ☐ No

If no, applying for separate CZMA-consistency certification?
☐ Yes, Attached (or mail copy separately if applying electronically) ☒ No

Permit/Consistency issued? ☐ Yes, Attached (or mail copy separately if applying electronically) ☒ No

Exempt? ☒ Yes ☐ No
If exempt, state why: Not in Coastal Zone

Box 16 List of other certifications or approvals/denials received from other federal, state, or local agencies for work described in this application:

Agency	Type Approval[4]	Identification No.	Date Applied	Date Approved	Date Denied
San Diego RWQCB	401 Permit		6/25/09	Pending	
CDFG	1602 Permit		6/25/09	Pending	

[4] Would include but is not restricted to zoning, building, and flood plain permits

NWP General Conditions (GC) checklist:

1. **Navigation:**
   Project would be in compliance with GC? ☒ Yes ☐ No

2. **Aquatic Life Movements:**
   Project would be in compliance with GC? ☒ Yes ☐ No

3. **Spawning Areas:**
   Spawning areas present? ☐ Yes ☒ No
   Project would be in compliance with GC? ☒ Yes ☐ No

4. **Migratory Bird Breeding Areas:**
   Migratory bird breeding areas present? ☐ Yes ☒ No
   Project would be in compliance with GC? ☒ Yes ☐ No

5. **Shellfish Beds:**
   Shellfish beds present? ☐ Yes ☒ No
   Project would be in compliance with GC? ☒ Yes ☐ No

6. **Suitable Material:**
   Project would be in compliance with GC? ☒ Yes ☐ No

7. **Water Supply Intakes:**
   Project would be in compliance with GC? ☒ Yes ☐ No

8. **Adverse Effects From Impoundments:**
   Project would be in compliance with GC? ☒ Yes ☐ No

9. **Management of Water Flows:**
   Project would be in compliance with GC? ☒ Yes ☐ No

10. **Fills Within 100-Year Floodplains:**
    Project would be within 100-year floodplains? ☐ Yes ☒ No
    If yes, project would be in compliance with GC? ☐ Yes ☐ No

11. **Equipment:**
    Project would be in compliance with GC? ☒ Yes ☐ No

12. Soil Erosion and Sediment Controls:

Project would be in compliance with GC? ☒ Yes ☐ No

13. Removal of Temporary Fills:

Project would be in compliance with GC? ☒ Yes ☐ No

14. Proper Maintenance:

Project would be in compliance with GC? ☒ Yes ☐ No

15. Wild and Scenic Rivers:

Project would be within a National Wild and Scenic River System (including proposed system)?

☐ Yes ☒ No

Project would be in compliance with GC? ☒ Yes ☐ No

16. Tribal Rights:

Project would be in compliance with GC? ☒ Yes ☐ No

17. Endangered Species: see Box 10 above.

18. Historic Properties: see Box 11 above.

19. Designated Critical Waters (***check those that apply***)

Includes:

1) ☐ NOAA-designated marine sanctuaries,

2) ☐ National Estuarine Research Reserves,

3) ☐ State natural heritage sites,

4) ☐ Officially designated waters

Applicant is aware of the restrictions a) and b) below? ☒ Yes ☐ No

a) NWP 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, and 50: No NWP can be authorized.

b) NWP 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, and 38: Notification is required.

20. Mitigation: see Box 13 above.

21. Water Quality (401 Certification): see Box 14 above.

22. Coastal Zone Permit: see Box 15 above.

23. Regional and Case-By-Case Conditions:

Complete the Regional Conditions checklist below.

Project would be in compliance with any Case-by-case conditions? ☒ Yes ☐ No

24. Use of Multiple Nationwide Permits:

Applicant is aware that if total proposed acreage of impact exceeds acreage limit of NWP with highest specified acreage, no NWP can be issued? ☒ Yes ☐ No

25. Transfer of Nationwide Permit Verifications:

Applicant is aware of this permit transfer requirement? ☒ Yes ☐ No

26. **Compliance Certification:**

Applicant is aware of this post-construction requirement? ☒ Yes ☐ No

27. **Pre-Construction Notification:**

If a PCN is required, the PCN includes: (***check those that apply***)

☒ Delineation of wetlands and other waters of the U.S.

☐ If project results in the loss of greater than 1/10 acre of wetlands, a compensatory mitigation plan or statement describing how the mitigation requirement will be satisfied

☐ For non-Federal applicants, a list of threatened or endangered species or designated critical habitat that might be affected by the proposed work

☐ For Federal applicants, documentation demonstrating compliance with the Endangered Species Act

☐ For non-Federal applicants, a list of historic properties listed on, or determined eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places that may be affected by the proposed work; or a vicinity map indicating the location of the historic property

☐ For Federal applicants, documentation demonstrating compliance with the National Historic Preservation Act

28. **Single and Complete Project:**

Project would be in compliance with GC? ☒ Yes ☐ No

NWP Regional Conditions (RC) checklist:

I. Los Angeles District (SPL) in Arizona and California:

1. Is the project located within a coastal watershed from the southern reach of the Santa Monica Mountains in Los Angeles County to the San Luis Obispo County/Monterey County boundary? ☐ Yes ☒ No

   If yes, will all road crossings employ a bridge crossing design to ensure passage and/or spawning of steelhead is not hindered? ☐ Yes ☐ No ☐ Not Applicable

2. Is the project located within the State of Arizona or the Mojave and Sonoran (Colorado) desert regions of California in the Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County)? ☐ Yes ☒ No

   If yes, is applicant aware of restriction below? ☐ Yes ☐ No

   No NWPs, except 1, 2, 3, 4, 5, 6, 9, 10, 11, 20, 22, 27, 30, 31, 32, 35, 37, 38 and 47 (or other nationwide or regional general permits that specifically authorize maintenance of previously authorized structures or fill), can be used to authorize the discharge of dredged or fill material into a jurisdictional special aquatic site (as defined by 40 CFR 230.40-45).

3. Is prior notification (PCN) to the District Engineer required for a NWP or Regional General Permit?
   ☐ Yes ☒ No

   If yes, are required color photographs or color photocopies of the project area taken from representative points documented on a site map included? ☐ Yes, Attached ☐ No

4. Is the project located in a special aquatic site (as defined by 40 CFR 230.40-45) or in a perennial waterbody in the State of Arizona or in the Mojave or Sonoran (Colorado) desert regions of California in the Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and

south of Little Lake, Inyo County), excluding the Colorado River from Davis Dam downstream to the north end of Topock and downstream of Imperial Dam? ☐ Yes ☒ No

If yes, notification pursuant to General Condition 27 is required (not applicable to NWP 47).

5. Is project located in an area designated as Essential Fish Habitat? ☐ Yes ☒ No

   If yes, notification pursuant to General Condition 27 is required (not applicable to NWP 47).

6. Is the project located within a watershed in the Santa Monica Mountains in Los Angeles and Ventura counties bounded by Calleguas Creek on the west, by Highway 101 on the north and east, and by Sunset Boulevard and the Pacific Ocean on the south? ☐ Yes ☒ No

   If yes, notification pursuant to General Condition 27 is required (not applicable to NWP 47).

7. Would project discharge fill material in jurisdictional vernal pools? ☐ Yes ☒ No

   If yes, then an Individual Permit is required.

8. a) Is project within the Murrieta Creek and Temecula Creek watersheds in Riverside County? ☒ Yes ☐ No
   b) Will the project require new permanent fill in perennial and intermittent watercourses? ☐ Yes ☒ No

   If yes to a and b, then projects which would otherwise be authorized under NWPs 29, 39, 42, or 43 (including cases where NWP 14 would be used in conjunction with above NWPs), will require an Individual Permit.

   c) Is the project located in an ephemeral watercourse? ☒ Yes ☐ No
   d) Will the project impact greater than 0.1 acre of waters of the U.S.? ☒ Yes ☐ No

   If yes to a, c, and d, then projects which would otherwise be authorized under NWPs 29, 39, 42, or 43 (including cases where NWP 14 would be used in conjunction with above NWPs), will require an Individual Permit.

9. Is the project a bank stabilization project in San Luis Obispo Creek or Santa Rosa Creek in San Luis Obispo County or a bank stabilization or grade control structure in Gaviota Creek, Mission Creek or Carpinteria Creek in Santa Barbara County? ☐ Yes ☒ No

   If yes, then an Individual Permit is required.

10. Is the project in the Santa Clara River watershed in Los Angeles County or Ventura County? ☐ Yes ☒ No

    If yes, notification pursuant to General Condition 27 is required (not applicable to NWP 47).

COPY

FOR DEPARTMENT USE ONLY				
Date Received	Amount Received	Amount Due	Date Complete	Notification No.
	$	$		

STATE OF CALIFORNIA

DEPARTMENT OF FISH AND GAME

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Complete EACH field, unless otherwise indicated, following the enclosed instructions and submit ALL required enclosures. Attach additional pages, if necessary.

1. APPLICANT PROPOSING PROJECT

Name	A. G. Kading		
Business/Agency	Murrieta Education Center, LLC		
Street Address	34511 Paso Viento		
City, State, Zip	Capistrano Beach, CA 92624		
Telephone	(949) 661-7292	Fax	
Email			

2. CONTACT PERSON (*Complete only if different from applicant*)

Name	Lisa Tollstrup		
Street Address	2150 N. Arrowhead Ave		
City, State, Zip	San Bernardino CA, 92405		
Telephone	909. 888. 1333	Fax	909. 882. 7015
Email	lisa@tdaeny.com		

3. PROPERTY OWNER (*Complete only if different from applicant*)

Name	Same as applicant		
Street Address			
City, State, Zip			
Telephone		Fax	
Email			

4. PROJECT NAME AND AGREEMENT TERM

A. Project Name	Murrieta Education Center			
B. Agreement Term Requested	☑ Regular (*5 years or less*) ☐ Long-term (*greater than 5 years*)			
C. Project Term		D. Seasonal Work Period		E. Number of Work Days
Beginning (*year*)	Ending (*year*)	Start Date (*month/day*)	End Date (*month/day*)	
2009	2012	9/2/09	8/30/12	350

5. AGREEMENT TYPE

Check the applicable box. If box B, C, D, or E is checked, complete the specified attachment.

A.	☑ Standard *(Most construction projects, excluding the categories listed below)*	
B.	☐ Gravel/Sand/Rock Extraction (*Attachment A*)	*Mine I.D. Number:* _____
C.	☐ Timber Harvesting (*Attachment B*)	THP *Number:* _____
D.	☐ Water Diversion/Extraction/Impoundment (*Attachment C*)	*SWRCB Number:* _____
E.	☐ Routine Maintenance (*Attachment D*)	
F.	☐ DFG Fisheries Restoration Grant Program (FRGP)	*FRGP Contract Number:* _____
G.	☐ Master	
H.	☐ Master Timber Harvesting	

6. FEES

Please see the current fee schedule to determine the appropriate notification fee. Itemize each project's estimated cost and corresponding fee. ***Note: The Department may not process this notification until the correct fee has been received.***

	A. Project	B. Project Cost	C. Project Fee
1	Northerly Drainage Channel		
2	Southerly Drainage Channel		
3	Monroe road crossing (culvert)		
4			
5			
		D. Base Fee *(if applicable)*	
		E. TOTAL FEE ENCLOSED	

7. PRIOR NOTIFICATION OR ORDER

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, the Department for the project described in this notification?

☐ Yes (*Provide the information below*) ☑ No

Applicant: _____ Notification Number: _____ Date: _____

B. Is this notification being submitted in response to an order, notice, or other directive ("order") by a court or administrative agency (including the Department)?

☑ No ☐ Yes (*Enclose a copy of the order, notice, or other directive. If the directive is not in writing, identify the person who directed the applicant to submit this notification and the agency he or she represents, and describe the circumstances relating to the order.*)

☐ *Continued on additional page(s)*

8. PROJECT LOCATION

A. Address or description of project location.

(Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway)

12.49 acres northeast of Monroe Ave., southwest of I-15 and I-215, and northwest of Fig Street in the City of Murrieta, Riverside County.

Take I-15 to Murrieta. Take Murrieta Hot Springs Rd., west. Turn left on Madison Ave., left on Fig Street and left on Monroe Ave. The project is located northeast of the intersection of Fig St. and Monroe Ave.

☐ *Continued on additional page(s)*

B. River, stream, or lake affected by the project. Murrieta Creek

C. What water body is the river, stream, or lake tributary to? Santa Margarita River

D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts? ☐ Yes ☑ No ☐ Unknown

E. County Riverside

F. USGS 7.5 Minute Quad Map Name	G. Township	H. Range	I. Section	J. ¼ Section
Murrieta	7S	3W	22	

☐ *Continued on additional page(s)*

K. Meridian (*check one*) ☐ Humboldt ☐ Mt. Diablo ☑ San Bernardino

L. Assessor's Parcel Number(s)

910-020-009
910-020-014

☐ *Continued on additional page(s)*

M. Coordinates (*If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes*)

Latitude/Longitude	*Latitude:* 33° 32' 48.6" N	*Longitude:* 117° 10' 54.86" W	
	☑ Degrees/Minutes/Seconds	☐ Decimal Degrees	☐ Decimal Minutes
UTM	*Easting:*	*Northing:*	☐ Zone 10 ☐ Zone 11
Datum used for Latitude/Longitude or UTM	☐ NAD 27	☑ NAD 83 or WGS 84	

9. PROJECT CATEGORY AND WORK TYPE *(Check each box that applies)*

PROJECT CATEGORY	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR/MAINTAIN EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring	☐	☐	☐
Bank stabilization – rip-rap/retaining wall/gabion	☐	☐	☐
Boat dock/pier	☐	☐	☐
Boat ramp	☐	☐	☐
Bridge	☐	☐	☐
Channel clearing/vegetation management	☑	☐	☐
Culvert	☑	☑	☐
Debris basin	☐	☐	☐
Dam	☐	☐	☐
Diversion structure – weir or pump intake	☐	☐	☐
Filling of wetland, river, stream, or lake	☑	☐	☐
Geotechnical survey	☐	☐	☐
Habitat enhancement – revegetation/mitigation	☑	☐	☐
Levee	☐	☐	☐
Low water crossing	☐	☐	☐
Road/trail	☑	☐	☐
Sediment removal – pond, stream, or marina	☐	☐	☐
Storm drain outfall structure	☐	☐	☐
Temporary stream crossing	☐	☐	☐
Utility crossing : Horizontal Directional Drilling	☐	☐	☐
Jack/bore	☐	☐	☐
Open trench	☐	☐	☐
Other *(specify)*:	☐	☐	☐

10. PROJECT DESCRIPTION

A. Describe the project in detail. Photographs of the project location and immediate surrounding area should be included.

- Include any structures (e.g., rip-rap, culverts, or channel clearing) that will be placed, built, or completed in or near the stream, river, or lake.
- Specify the type and volume of materials that will be used.
- If water will be diverted or drafted, specify the purpose or use.

Enclose diagrams, drawings, plans, and/or maps that provide all of the following: site specific construction details; the dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; an overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, and where the equipment/machinery will enter and exit the project area.

The proposed project is a mixed use development on 12.49 acres plus off-site road improvements. The 195,000 sq. ft. development will include an education center, supporting uses and 735 parking spaces. In order to complete the project, one stream channel will be filled in, a second channel will be modified to accomodate part of the parking lot and a culvert will be extended.

In addition to the on-site improvements, roadway improvements will be made to Monroe Ave., Guava St., and Jordan Lane. Utilities will also be installed within the off-site roadways.

Site grading will involve handling an estimated 268,000 cubic yards of material, with about 1,500 cubic yards of imported material.

☐ *Continued on additional page(s)*

B. Specify the equipment and machinery that will be used to complete the project.

A variety of standard heavy construction equipment including graders, backhoes, and bulldozers.

☐ *Continued on additional page(s)*

C. Will water be present during the proposed work period (specified in box 4.D) in the stream, river, or lake (specified in box 8.B). ☐ Yes ☑ No (*Skip to box 11*)

D. Will the proposed project require work in the wetted portion of the channel? ☐ Yes (*Enclose a plan to divert water around work site*) ☑ No

12. MEASURES TO PROTECT FISH, WILDIFE, AND PLANT RESOURCES

A. Describe the techniques that will be used to prevent sediment from entering watercourses during and after construction.

A Water Quality Management Plan and Storm Water Pollution Plan will be implemented as part of the project. All required permitting will be completed prior to ground disturbance and all permit requirements will be implemented.

☐ *Continued on additional page(s)*

B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.

Most of the southerly stream channel will be left undisturbed and remain as a natural landscape environment in the parking area. Only the extension/widening of the existing stream crossing will impact any resources.

☐ *Continued on additional page(s)*

C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.

The southerly stream channel will be enhanced and used as a natural landscape feature integrated into the larger project. Approximately 0.2 acres of habitat will be created or enhanced on-site, off-site or through participation in a mitigation bank.

☐ *Continued on additional page(s)*

13. PERMITS

List any local, state, and federal permits required for the project and check the corresponding box(es). Enclose a copy of each permit that has been issued.

A. Army Corps of Engineers 404 Permit ☑ Applied ☐ Issued

B. RWQCB 401 Certification ☑ Applied ☐ Issued

C. City of Murrieta grading permit ☑ Applied ☐ Issued

D. Unknown whether ☐ local, ☐ state, or ☐ federal permit is needed for the project. (*Check each box that applies*)

☐ *Continued on additional page(s)*

14. ENVIRONMENTAL REVIEW

A. Has a draft or final document been prepared for the project pursuant to the California Environmental Quality Act (CEQA), National Environmental Protection Act (NEPA), California Endangered Species Act (CESA) and/or federal Endangered Species Act (ESA)?

☑ Yes (*Check the box for each CEQA, NEPA, CESA, and ESA document that has been prepared and enclose a copy of each*)

☐ No (*Check the box for each CEQA, NEPA, CESA, and ESA document listed below that will be or is being prepared*)

☐ Notice of Exemption	☑ Mitigated Negative Declaration	☐ NEPA document (*type*):
☐ Initial Study	☐ Environmental Impact Report	☐ CESA document (*type*):
☐ Negative Declaration	☐ Notice of Determination (*Enclose*)	☐ ESA document (*type*):
☐ THP/ NTMP	☐ Mitigation, Monitoring, Reporting Plan	

B. State Clearinghouse Number (*if applicable*)			
C. Has a CEQA lead agency been determined?	☑ Yes (*Complete boxes D, E, and F*)	☐ No (*Skip to box 14.G*)	
D. CEQA Lead Agency	City of Murrieta		
E. Contact Person	Sonia Pierce	F. Telephone Number	(951) 304-2489

G. If the project described in this notification is part of a larger project or plan, briefly describe that larger project or plan.

☐ *Continued on additional page(s)*

H. Has an environmental filing fee (Fish and Game Code section 711.4) been paid?

☑ Yes (*Enclose proof of payment*) ☐ No (*Briefly explain below the reason a filing fee has not been paid*)

Note: If a filing fee is required, the Department may not finalize a Lake or Streambed Alteration Agreement until the filing fee is paid.

15. SITE INSPECTION

Check one box only.

☐ In the event the Department determines that a site inspection is necessary, I hereby authorize a Department representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant the Department such entry.

☑ I request the Department to first contact (*insert name*) Lisa Tollstrup at (*insert telephone number*) 909-838-1333 to schedule a date and time to enter the property where the project described in this notification will take place. I understand that this mey delay the Department's determination as to whether a Lake or Streambed Alteration Agreement is required and/or the Department's issuance of a draft agreement pursuant to this notification.

16. DIGITAL FORMAT

Is any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?

☑ Yes (Please enclose the information via digital media with the completed notification form)

☐ No

17. SIGNATURE

I hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, the Department may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless the Department has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.

Signature of Applicant or Applicant's Authorized Representative

July 2, 2009
Date

LISA TOLLSTRUP
Print Name

Notice of Determination

City of Murrieta
Development Services Department

To: Office of Planning and Research
PO Box 3044, 1400 Tenth Street, Room 222
Sacramento, CA 95812-3044

X County Clerk
County of Riverside

From: City of Murrieta
24601 Jefferson Avenue
Murrieta, CA 92562
(Address)

Subject:
Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

Project Title Development Plan 007-2560/ Conditional Use Permit 007-2561 (DPO-007-2560/CUP-007-2561);

SCH#2008101093	Sonia Pierce	(951) 304-2489 x 6220
State Clearinghouse Number (If submitted to Clearinghouse)	Lead Agency Contact Person	Area Code/Telephone/Extension

Project Location: The 12.49 acre site is located within the Multiple Use -2 (MU-2) General Plan/Zone designation on the east side of Monroe Avenue between Jordan Lane and Fig Street adjacent to the Interstate 15 & 215 interchange. APN: 910-020-009 & 014.

Project Description:
DPO-007-2560 - A request by the AGK Group, LLC to construct a 177,863 square foot, five-story office building with a 17,150 square foot single-story commercial building on two parcels totaling 12.49 gross acres.
CUP-007-2561 - A request by the AGK Group, LLC to operate a higher educational facility within a 177,863 square foot, five-story office building with 106,718 square feet (60 percent) of the space designated for educational classrooms/educational support offices and 71,145 square feet (40 percent) designated for general office leasing, and a 17,150 square foot single-story ancillary commercial building.

This is to advise that the City of Murrieta Planning Commission (Lead Agency / Responsible Agency) has approved the above-described project on December 10, 2008 (Date) and has made the following determinations regarding the above described project:

1. The project [will __ will not X] have a significant effect on the environment.
2. _____ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
   _____ An EIR Addendum was prepared for this project pursuant to the provisions of CEQA.
   X A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [were X were not ___] made a condition of the approval of the project.
4. A statement of Overriding Considerations [was __ was not X] adopted for this project.
5. Findings [were X were not___] made pursuant to the provisions of CEQA.

This is to certify that the final I.S. with comments and responses and record of project approval is available to the General Public at:
City of Murrieta, 24601 Jefferson Avenue, Murrieta, Ca 92562

Signature (Public Agency) — December 12, 2008 *Date* — Project Planner CITY OF MURRIETA *Title*

Date received for filing at OPR:
Form C

DEC 12 2008
RECEIVED
PLANNING DEPT

CITY OF MURRIETA
PLANNING DEPARTMENT

Mitigated Negative Declaration

PROJECT NAME: Development Plan 007-2560 / Conditional Use Permit 007-2561 (DPO-007-2560/CUP-007-2561)

PROJECT DESCRIPTION: DPO-007-2560 - A request by the AGK Group, LLC to construct a 177,863 square foot, five-story office building with a 17,150 square foot single-story commercial building on two parcels totaling 12.49 gross acres.

CUP-007-2561 A request by the AGK Group, LLC to operate a higher educational facility within a 177,863 square foot, five-story office building with 106,718 square feet (60 percent) of the space designated for educational classrooms/educational support offices and 71,145 square feet (40 percent) designated for general office leasing, and a 17,150 square foot single-story ancillary commercial building.

PROJECT LOCATION: The 12.49 acre site is located within the Multiple Use -2 (MU-2) General Plan/Zone designation on the east side of Monroe Avenue between Jordan Lane and Fig Street adjacent to the Interstate 15 & 215 interchange. APN: 910-020-009 & 014.

PROJECT PROPONENT: The AGK Group, LLC

LEAD AGENCY: City of Murrieta
24601 Jefferson Avenue, Murrieta, California 92562

The **Planning Commission,** having reviewed the Initial Study of this proposed project and having reviewed the written comments and any additional information received during the public review process including the recommendation of the City's Staff, does hereby find and declare that the proposed project will not have a significant effect on the environment. It has been determined that there is no substantial evidence that the project will have a significant effect on the environment. Any potential impacts identified during the review process have been mitigated.

A copy of the Initial Study and supporting documents are available for public review at the City of Murrieta, Planning Department, 24601 Jefferson Avenue, Murrieta, CA 92562.

Contact Person: Sonia Pierce, Project Planner

Phone Number: (951) 304-2489 x 6220

Project approval date: December 10, 2008

Date submitted to Clerk of the Board:

NEGDEC.FRM (12/94)

CITY OF MURRIETA
DEC 1 2 2008
RECEIVED
PLANNING DEPT

R 369969

Attachment 2

State Water Resources Control Board

NOTICE OF INTENT

TO COMPLY WITH THE TERMS OF THE
GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQ ORDER No

P. 11 ca 21

Ref: 369969
Date: 8/20/2009

WDID: 9 33C356078

I. NOI STATUS (SEE INSTRUCTIONS)

MARK ONLY ONE ITEM 1. [X] New Construction 2. [ ] Change of Information for WDID#

II. PROPERTY OWNER

Name: MURRIETA EDUCATION CENTER, LLC.	Contact Person: A.G. KADING		
Mailing Address: 35411 PASEO VIENTO	Title: MANAGING MEMBER		
City: CAPISTRANO BEACH	State: CA	Zip: 92624	Phone: (949) 661-7292

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD
2009 SEP 28 A 10:48

III. DEVELOPER/CONTRACTOR INFORMATION

Developer/Contractor: DESIGN-BUILD SERVICES GROUP	Contact Person: JEFF DICKERSON		
Mailing Address: 26895 ALISO CREEK ROAD, SUITE B685	Title: PRESIDENT		
City: ALISO VIEJO	State: CA	Zip: 92656	Phone: (949) 683-1610

IV. CONSTRUCTION PROJECT INFORMATION

Site/Project Name: MURRIETA EDUCATION CENTER	Site Contact Person:		
Physical Address/Location: EAST SIDE OF MONROE AVENUE BETWEEN FIG ST. & NEWTON-AZRAK STREET	Latitude: 33 °	Longitude: 117 °	County: RIVERSIDE
City (or nearest City): MURRIETA	Zip: 92562	Site Phone Number: ( ) –	Emergency Phone Number: ( ) –

A. Total size of construction site area: 20.25 Acres

B. Total area to be disturbed: 20.25 Acres (100% of total 100)

C. Percent of site imperviousness (including rooftops):
Before Construction: 1.5 %
After Construction: 65.43 %

D. Tract Number(s): P.C. 08-138

E. Mile Post Marker: N/A

F. Is the construction site part of a larger common plan of development or sale? [ ] YES [X] NO

G. Name of plan or development: MURRIETA EDUCATION CENTER

H. Construction commencement date: 11 / 10 / 09

I. % of site to be mass graded: 92

J. Projected construction dates:
Complete grading: 1 / 10 / 10 Complete project: 5 / 1 / 11

K. Type of Construction (Check all that apply):
1. [ ] Residential 2. [X] Commercial 3. [ ] Industrial 4. [ ] Reconstruction 5. [ ] Transportation
6. [ ] Utility Description: 7. [X] Other (Please List): EDUCATION FACILITY

V. BILLING INFORMATION

SEND BILL TO: [X] OWNER (as in II. above)		
[X] DEVELOPER (as in III. above)		
[ ] OTHER (enter information at right)		

Storm Water Division of Water Quality
Aug 2009

VI. REGULATORY STATUS

A. Has a local agency approved a required erosion/sediment control plan? ☐ YES ☒ NO

Does the erosion/sediment control plan address construction activities such as infrastructure and structures? ☒ YES ☐ NO

Name of local agency: CITY OF MURRIETA Phone: (951) 304 -2489

B. Is this project or any part thereof, subject to conditions imposed under a CWA Section 404 permit of 401 Water Quality Certification? ☐ YES ☒ NO

If yes, provide details: _____

VII. RECEIVING WATER INFORMATION

A. Does the storm water runoff from the construction site discharge to (Check all that apply):

1. ☒ **Indirectly to waters of the U.S. (Murrieta Creek)**
2. ☒ **Storm drain system - Enter owner's name:_____**
3. ☐ **Directly to waters of U.S. (e.g. , river, lake, creek, stream, bay, ocean, etc.)**

B. Name of receiving water: (river, lake, creek, stream, bay, ocean): Murrieta Creek

VIII. IMPLEMENTATION OF NPDES PERMIT REQUIREMENTS

A. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) (check one)

☐ A SWPPP has been prepared for this facility and is available for review: Date Prepared: Date Amended: N/A

☒ A SWPPP will be prepared and ready for review by (enter date): 8 / 15 / 09

☐ A tentative schedule has been included in the SWPPP for activities such as grading, street construction, home construction, etc.

B. MONITORING PROGRAM

☒ A monitoring and maintenance schedule has been developed that includes inspection of the construction BMPs before anticipated storm events and after actual storm events and is available for review.

If checked above: A qualified person has been assigned responsibility for pre-storm and post-storm BMP inspections to identify effectiveness and necessary repairs or design changes. ☐ YES ☒ NO

Name: _____ Phone: ( ) -

C. PERMIT COMPLIANCE RESPONSIBILITY

A qualified person has been assigned responsibility to ensure full compliance with the Permit, and to implement all elements of the Storm Water Pollution Prevention Plan including:

1. Preparing an annual compliance evaluation. ☒ YES ☐ NO

Name: CITY OF MURRIETA, INSPECTION DEPT. Phone: (951) 461 - 6028

2. Eliminating all unauthorized discharges. ☒ YES ☐ NO

IX. VICINITY MAP AND FEE (must show site location in relation to nearest named streets, intersections, etc.)

Have you included a vicinity map with this submittal? ☒ YES ☐ NO

Have you included payment of the annual fee with this submittal? ☒ YES ☐ NO

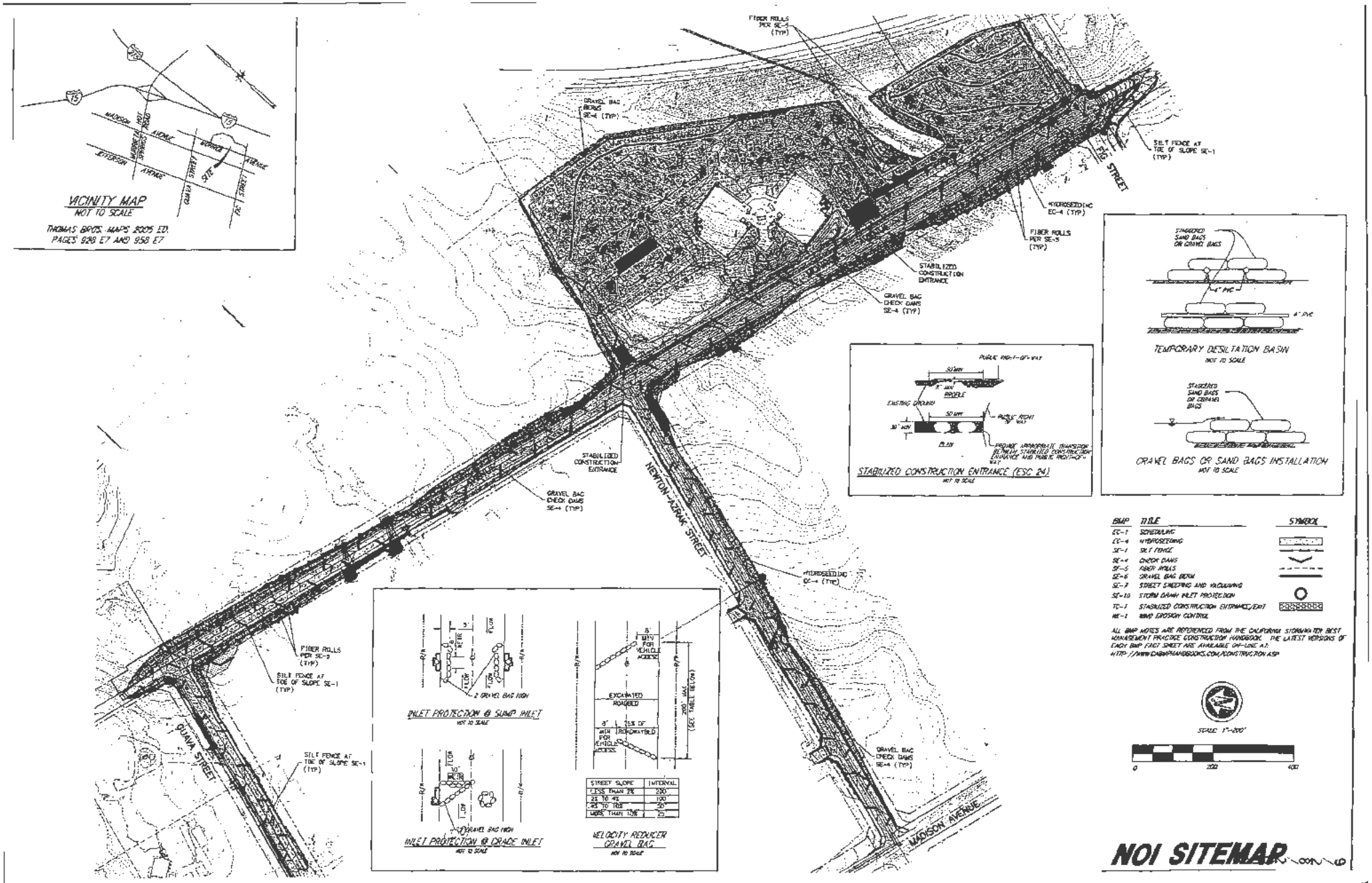
X. CERTIFICATIONS

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a Storm Water Pollution Prevention Plan and a Monitoring Program Plan will be complied with."

Printed Name: A.G. KADING

Signature: _____ Date: 8/10/09

Title: MANAGING MEMBER OF MURRIETA EDUCATION CENTER LLC


VICINITY MAP
NOT TO SCALE
THOMAS BROS. MAPS 2005 ED.
PAGES 928 E7 AND 958 E7
MADISON AVENUE
JEFFERSON AVENUE
QUAVA STREET
FIG STREET
NEWTON-AZRAK STREET
MADISON AVENUE
FIBER ROLLS PER SE-5 (TYP)
GRAVEL BAG BERMS SE-6 (TYP)
SILT FENCE AT TOE OF SLOPE SE-1 (TYP)
HYDROSEEDING EC-4 (TYP)
STABILIZED CONSTRUCTION ENTRANCE
GRAVEL BAG CHECK DAMS SE-4 (TYP)
STABILIZED CONSTRUCTION ENTRANCE (ESC 24)
NOT TO SCALE
PUBLIC RIGHT-OF-WAY
EXISTING GROUND
PROFILE
PLAN
PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY
STAGGERED SAND BAGS OR GRAVEL BAGS
4" PVC
TEMPORARY DESILTATION BASIN
NOT TO SCALE
GRAVEL BAGS OR SAND BAGS INSTALLATION
NOT TO SCALE
BMP TITLE SYMBOL
EC-1 SCHEDULING
EC-4 HYDROSEEDING
SE-1 SILT FENCE
SE-4 CHECK DAMS
SE-5 FIBER ROLLS
SE-6 GRAVEL BAG BERM
SE-7 STREET SWEEPING AND VACUUMING
SE-10 STORM DRAIN INLET PROTECTION
TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT
WE-1 WIND EROSION CONTROL
ALL BMP NOTES ARE REFERENCED FROM THE CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICE CONSTRUCTION HANDBOOK. THE LATEST VERSIONS OF EACH BMP FACT SHEET ARE AVAILABLE ON-LINE AT:
HTTP://WWW.CABMPHANDBOOKS.COM/CONSTRUCTION.ASP
INLET PROTECTION @ SUMP INLET
NOT TO SCALE
2 GRAVEL BAG HIGH
INLET PROTECTION @ GRADE INLET
NOT TO SCALE
GRAVEL BAG HIGH
VELOCITY REDUCER GRAVEL BAG
NOT TO SCALE
EXCAVATED ROADBED
MIN FOR VEHICLE ACCESS
200' MAX (SEE TABLE BELOW)
STREET SLOPE INTERVAL
LESS THAN 2% 200'
2% TO 4% 100'
4% TO 10% 50'
MORE THAN 10% 25'
SCALE 1"=200'
0 200 400
NOI SITEMAP

California Regional Water Quality Control Board

San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties

Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

9174 Sky Park Court, Suite 100, San Diego, California 92123-4353
(858) 467-2952 • Fax (858) 571-6972
http:// www.waterboards.ca.gov/sandiego

August 28, 2009

Certified Mail – Return Receipt Requested
Article Number: 7008 1140 0002 4285 3964

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

In reply refer to:
742396: clofien

Dear Mr. Kading:

The California Regional Water Quality Control Board, San Diego Region (Regional Board), received your application for Water Quality Certification for the **Murrieta Higher Education Facility Development Plan** on August 4, 2009, and it was assigned file number **09C-057**. Further information to clarify, amplify, correct, or otherwise supplement the complete application may be requested following receipt of this notification.

Pursuant to 23 CCR § 3856, your application has been deemed:

- ☐ COMPLETE
- ■ INCOMPLETE for the following reasons;
  - ■ **The submitted application was not signed. Please re-submit the application signature page.**
  - ■ Full, technically-accurate description, including the purpose and final goal of the entire activity [23 CCR § 3856(b)].
    - **Please note the project is tributary to Murrieta Creek, which is 303(d) listed for Iron, Manganese, Nitrogen and Phosphorous. Please include a full description of proposed construction and post-construction Best Management Practices (BMPs) to be used to prevent the discharge of these 303(d) pollutants from the proposed Project site.**
  - ■ Complete project description [23 CCR § 3856(h)(1-8)].
    - **Please provide a conceptual mitigation plan for proposed impacts (see below *Contents of a Complete Application*).**
    - **Please provide a map depicting proposed impacts to waters of the United States and/or State, including dredge/fill amounts at on-site and referenced "off-site road improvement" locations. The Certification application indicates .16 acres/680 linear feet of permanent impacts while the Jurisdictional Determination indicates .29 acres of impacts.**
    - **Please provide a full description of the "off-site road improvements", including fill from referenced new and/or replaced culvert crossings.**

- ❑ Identification of the federal license/permit (i.e., agency, type, NWP number, file number) [23 CCR § 3856(c)].
- ❑ Copies of federal application, notification, agency-applicant correspondence, or signed statement that none is applicable [23 CCR § 3856(d)].
- ❑ Copies of any final or (if not final) draft federal, state, or local licenses, permits, or agreements concerning the project (i.e., Fish and Game Streambed Alteration Agreement). If none are available, a list of those being sought [23 CCR § 3856(e)].
- ❑ A draft or final CEQA document [23 CCR § 3856(f)]. Note: Per the Permit Streamlining Act, final CEQA documentation cannot be required for a complete application; however, per CEQA, a final document must be reviewed before taking an action.
- ❑ The correct deposit [23 CCR § 3856(g)].

While a deposit of $640.00 is required for an application to be considered complete, the entire fee must be paid prior to the Regional Board taking a certification action. **Note: At this time, based on information provided in your application, we are unable to calculate the remaining fees.**

Once the information requested above has been received, the Regional Board will notify you within 30 days that the application is complete or request further information to clarify, amplify, correct, or otherwise supplement the submitted information.

The following information is not necessary for a complete application. However, the Regional Board will need the following information before considering taking a certification action on your Project application:

- Please submit a draft or final Water Quality Management Plan for the project, including a map of all proposed post-construction BMPs.
- Please submit a draft or final Storm Water Pollution Prevention Plan depicting proposed construction BMPs.

In the subject line of any response, please include the requested "**In reply refer to:**" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Chad Loflen directly at (858) 467-2727 or by email cloflen@waterboards.ca.gov.

Respectfully,

JAMES SMITH
Senior Environmental Scientist
Northern Watershed Unit

cc (via e-mail):

Forrest Vanderbilt, U.S. Army Corps of Engineers, Regulatory Division
Forrest.B.Vanderbilt@usace.army.mil

Anna Milloy, California Department of Fish and Game
amilloy@dfg.ca.gov

Lisa M. Tollstrup, Tom Dodson & Associates
lisa@tdaenv.com

Tech Staff Info & Use	
File No.	09C-057
WDID	9000001951
Reg. Measure ID	369504
Place ID	742396
Party ID	516003
Person ID	53988

Contents of A Complete Application

23 CCR §3856. Contents of A Complete Application.

A complete application shall include all of the following information items:

(a) The name, address, and telephone number of:
(1) the applicant, and
(2) the applicant's agent (if agent is submitting the application)

(b) A full, technically accurate description, including the purpose and final goal, of the entire activity.

(c) Complete identification of all federal licenses/permits being sought for or applying to the proposed activity, including the :
(1) federal agency;
(2) type (e.g., individual license, regional general permit, nationwide permit, etc.);
(3) license/permit number(s) (e.g., nationwide permit number), if applicable; and
(4) file number(s) assigned by the federal agency(ies), if available.

(d) Complete copies of either:
(1) the application(s) for federal license(s)/permit(s) being sought for the activity, or,
(2) if no federal applications are required, any notification(s) concerning the proposed activity issued by the federal agency(ies), or,
(3) if no federal notifications are issued, any correspondence between the applicant and the federal agency(ies) describing or discussing the proposed activity.

If no application, notification, correspondence or other documentation must be exchanged between the applicant and federal agency(ies) prior to the start of the activity, the application shall include a written statement to this effect.

(e) Copies of any final and signed federal, state, and local licenses, permits, and agreements (or copies of the draft documents, if not finalized) that will be required for any construction, operation, maintenance, or other actions associated with the activity. If no final or draft documentation is available, a list of all remaining agency regulatory approvals being sought shall be included.

If the federal licenses or permits required for the activity include a FERC licenses or amendment to a FERC license, a complete copy of a draft application for the FERC license or amendment to a FERC license meeting the requirements of Subsection 4.38(c)(4) of Title 18 of the Code of Federal Regulations is required.

(f) A copy of any draft or final CEQA document(s), if available, prepared for the activity. Although CEQA documentation is not required for a complete application, the certifying agency shall be provided with and have ample time to properly review a final copy of valid CEQA documentation before taking a certification action.

(g) The correct fee deposit, as identified in Section 3833 of this Chapter.

(h) A complete project description includes:

(1) Name(s) of any receiving water body(ies) that may receive a discharge.

(2) Type(s) of receiving water body(ies) (e.g., at a minimum: river/streambed, lake/reservoir, ocean/estuary/bay, riparian area, or wetland type).

(3) Location of the activity area in latitude and longitude, in township/range, or clearly indicated on a published map of suitable detail, quality, and scale to allow the certifying agency to easily identify the area and water body(ies) receiving any discharge.

(4) For each water body type reported under Subsection (h)(2) of this Section, the total estimated quantity of waters of the United States that may be adversely impacted temporarily or permanently by a discharge or by dredging. The estimated quantity of waters to be adversely impacted by any discharge shall be reported in acres and (for channels, shorelines, riparian corridors, and other linear habitat) linear feet, except that dredging estimates shall be reported in cubic yards.

(5) The total estimated quantity (in acres and, where appropriate, linear feet) of waters of the United States, by type (see Subsection (h)(2) of this Section) proposed to be created, restored, enhanced, purchased from a mitigation or conservation bank, set aside for protection, or otherwise identified as compensatory mitigation for any anticipated adverse impacts. If compensatory mitigation is to be provided in some other form, that shall be explained.

(6) A description and conceptual plan of any other steps that have been or will be taken to avoid, minimize, or compensate for loss of or significant adverse impacts to beneficial uses of waters of the state.

(7) The total size (in acres), length (in feet) where appropriate, type, and description of the entire project area, including areas outside of jurisdictional waters of the United States.

(8) A brief list/description, including estimated adverse impacts of any projects implemented by the applicant within the last five years or planned

for implementation by the applicant within the next five years that are in any way related to the proposed activity or that may impact the same receiving water body(ies) as the proposed activity. For purposes of this item, the water body extends to a named source or stream segment identified in the relevant basin plan.

Adopted from the U.S. Army Corps of Engineers, Los Angeles District's Special Public Notice, MITIGATION GUIDELINES AND MONITORING REQUIREMENTS, dated January 27, 2003.

In expansion of the definition of Contents of A Complete Application (h)(6) above, the plan must include, but not be limited to, the following:

a. A site map showing the location of the mitigation area in relationship to the impact area.
b. A map showing existing resources within and adjacent to the mitigation area.
c. A figure showing the proposed plant layout and plant palette.
d. A discussion of beneficial uses (as described in the Basin Plan) that will be lost or impacted through project implementation, and how the proposed mitigation will compensate for these losses/impacts.
e. A discussion of maintenance and monitoring activities and duration.
f. A conceptual mitigation plan prepared to the Army Corps of Engineers guidelines may be submitted in lieu of the above items for an application to be considered complete. However, for a certification action to be taken, all of the information in items 1-5 must be provided to the Regional Board.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

A.G. Kading
Murrieta Education Center, LLC
35411 Pasco Vienta
Capistrano Beach, CA 92624

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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☐ Insured Mail ☐ C.O.D.

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PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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Sent To
A.G. Kading, Murrieta Education Center, LLC
Street, Apt. No.; or PO Box No. 35411 Pasco Vienta
City, State, ZIP+4
Capistrano Beach CA 92624

PS Form 3800, August 2006 See Reverse for Instructions

TOM DODSON & ASSOCIATES
2150 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92405
TEL (909) 882-3612 • FAX (909) 882-7015
E-MAIL lisa@tdaenv.com

September 2, 2009
Chad Loften
Environmental Scientist
Regional Water Quality Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Subject: File # 09C-057 Additional Information

Chad,

Attached please find the additional information requested for the above referenced 401 Certification in your letter dated August 28, 2009.

In the letter you requested the following additional information/clarifications:

1) Signed copy of the application. It is attached to this letter.
2) Full Technically Accurate description of the project: A complete description of the project are included in the attached CEQA document and the information BMPs to insure no 303(d) discharges are included in the attached Water Quality Management Plan.
3) Conceptual Mitigation Plan is attached

If you have any questions regarding this information or would like any additional information, please call.

Sincerely,

Lisa Tollstrup
TDA Ecologist

Attached Figure

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD
2009 SEP -3 A 9:16

COPY
SIGNED

California Regional Water Quality Control Board

San Diego Region

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9174 Sky Park Court, Suite 100, San Diego, California 92123-4340
(858) 467-2952 • Fax (858) 571-6972
http:// www.waterboards.ca.gov/sandiego

APPLICATION FOR CLEAN WATER ACT §401 WATER QUALITY CERTIFICATION

All applicants **must** provide a complete and detailed response to all sections of the application or the application will be deemed incomplete. Responses should not refer reader to an attachment. Any responses by reference must indicate the specific document(s) and page number(s) (include copies of the entire document). Indicate by Not Applicable (NA) all sections that do not apply, **along** with an explanation of why the project is exempt from the section.

1. APPLICANT/AGENT INFORMATION	
Applicant's Name A.G. Kading, Managing Partner Murrieta Education Center, LLC	Authorized Agent's Name and Title Lisa M. Tollstrup, Ecologist/Regulatory Specialist' Tom Dodson & Associates
Applicant's Address 35411 Paseo Viento Capistrano Beach, CA 92624	Agent's Address 2150 N. Arrowhead Avenue San Bernardino, CA 92405
Applicant's Phone (949) 661-7292	Agent's Phone (909) 882-3612
Applicant's Phone	Agent's Fax (909) 882-7015
Applicant's Email	Agent's Email lisa@tdaenv.com

STATEMENT OF AUTHORIZATION

I hereby authorize Tom Dodson & Assoc. to act in my behalf as my agent in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.

Applicant's Signature
(This **must** be signed by the applicant, not the authorized agent.)

Date 6/24/2009

2. PROJECT/ACTIVITY INFORMATION
PROJECT NAME OR TITLE
Murrieta Higher Education Facility Development Plan

AGK Group LLC

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2009 OCT 12 A 11:06

October 6, 2009

Chad Loften
Environmental Scientist
Regional Water Quality Control Board
9174 Sky Park Court, suite 100
San Diego, CA 92123

Re: MEC219 401 Signature Page

Please find enclose the requested signature for the requested documents.

All fees have been paid.

Please call should there be any questions

Regards,

A.G.Kading
President

949-661-7292 – Fax 949-661-8501
35411 Paseo Viento, Capistrano Beach, California, 92624

7. APPLICATION FEE

FILING FEE

A fee deposit of $640.00 is required to be submitted with this application. Additional fees, based on the extent of impacts, may be due. A fee schedule and calculator can be found at: http://www.waterboards.ca.gov/water_issues/programs/cwa401/

Is check payable to the "State Water Resources Control Board" attached? Yes ☒ No ☐

Check No. _____ Amount _____

8. SIGNATURE

I herby certify under penalty of perjury that the information provided in this application and in any attachments are true and accurate to the best of my knowledge. I further certify that I possess the necessary authority to undertake work described in this application.

Murrieta Education Center LLC

A.G. KADING Managing Member — President

Applicant's Printed Name — Title

10/6/09

Applicant's Signature — Date

(This must be signed by the applicant, not the authorized agent)

Attach the appropriate fee and any additional documents and submit this application to:

California Regional Water Quality Control Board, San Diego
Attn: 401 Water Quality Certification
9174 Sky Park Court, Suite 100
San Diego, CA 92123

10/12/2009

California Regional Water Quality Control Board

San Diego Region

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October 13, 2009

Certified Mail – Return Receipt Requested
Article Number: ~~7008 1140 0002 4285 3964~~
7009 1410 0002 2349 5821

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

In reply refer to:
742396: cloflen

Dear Mr. Kading:

The California Regional Water Quality Control Board, San Diego Region (Regional Board), received your application for Water Quality Certification for the **Murrieta Higher Education Facility Development Plan** on August 4, 2009, and it was assigned file number **09C-057**. Additional information regarding the project was received by the Regional Board on September 03, 2009 and October 12, 2009.

Pursuant to 23 CCR § 3856, your application has been deemed:

■ COMPLETE

The Regional Board will be taking an action on this application within 60 days from October 13, 2009. The action may be in the form of a Certification, denial (with or without prejudice), or request for further information to clarify, amplify, correct, or otherwise supplement the complete application.

The Regional Board received the $640.00 deposit required for an application to be considered complete. Please note the entire fee must be paid prior to the Regional Board taking a certification action. **Note: At this time, based on information provided in your application, you owe $4,382.00 in remaining fees (see attached fee calculator).**

In the subject line of any response, please include the requested "**In reply refer to:**" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Chad Loflen directly at (858) 467-2727 or by email cloflen@waterboards.ca.gov.

Respectfully,

JAMES SMITH
Senior Environmental Scientist
Northern Watershed Unit

cc (via e-mail):

Forrest Vanderbilt, U.S. Army Corps of Engineers, Regulatory Division
Forrest.B.Vanderbilt@usace.army.mil

Anna Milloy, California Department of Fish and Game
amilloy@dfg.ca.gov

Lisa M. Tollstrup, Tom Dodson & Associates
lisa@tdaenv.com

Tech Staff Info & Use	
File No.	09C-057
WDID	9000001951
Reg. Measure ID	369504
Place ID	742396
Party ID	516003
Person ID	53988

DREDGE AND FILL FEE CALCULATOR [1] v9 10/07/2009

This fee schedule is based on California Code of Regulations, Division 3, Chapter 9, Article 1, section 2200(a)(3). **TO CALCULATE FEE:** Enter the "Discharge Size" in Section A or, if the project qualifies, check the check box in Section B according to the applicable Flat Fee category. If the project involves multiple discharges, then both Section A and Section B fee charges may apply (see footnote 1(a) below). The project fee award will appear in the "Total Fee For All Categories" box at the bottom of the Fee Calculator. In any case, dredge and fill operation fees shall not exceed $40,000, plus any applicable surcharge(s).

A. FEES BASED ON DISCHARGE SIZE

	FEE CATEGORY	RATE	DISCHARGE SIZE		FEE	
(i)	Fill & Excavation[2] Discharges. Size of the discharge area as expressed in hundredths of acres (0.01 acre; 436 square feet) rounded up.	$840 base fee plus Discharge Area Acres x $2752			$0	Categories (i) (iii) will be charged an additional Base Fee, amount of $840 which is included in the total below.
	To Non-Federal Waters (per fee cat. iv)	$840 base fee plus Discharge Area Acres x $2752 x 2			$0	
(ii)	Dredging Discharges (except Sand Mining-see (v) below)[3] Dredge volume expressed in Cubic Yards.	$840 base fee plus Dredge Volume CY x $0.102			$0	
	To Non-Federal Waters (per fee cat. iv)	$840 base fee plus Dredge Volume CY x $0.102 x 2			$0	
(iii)	Channel and Shoreline Discharges. Discharge length shall be reported in Linear Feet. Includes linear discharges to drainage features and shorelines, e.g., bank stabilization, revetment, and channelization projects. (Note): The fee for channel and shoreline linear discharges will be assessed under the "Fill and Excavation" or "Channel and Shoreline" schedules, whichever results in the higher fee.	$840 base fee plus Discharge Length Feet x $6.40	755	$4,832	$4,832	
		$840 base fee plus Discharge Area Acres x $2752	0.18	$495		
	To Non-Federal Waters (per fee cat. iv)	$840 base fee plus Discharge Length Feet x $6.40 x 2		$0	$0	
		$840 base fee plus Discharge Area Acres x $2752 x 2		$0		
(iv)	Discharges to Non-federal (e.g. "isolated") Waters. Discharges to waters or portions of waterbodies not regulated as "waters of the United States", including waters determined to be "isolated" pursuant to the findings of *Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers* (2001) 121 S. Ct. 675. Double the otherwise applicable fee except restoration projects, which shall be charged the normal fee.					

B. FEES BASED ON FLAT FEE CATEGORIES

(v)	Sand Mining Dredging Discharges. Aggregate extraction in marine waters where the source material is free of pollutants and the dredging operation will not violate any Basin Plan Provisions.	$1,024 Flat fee	Check if Applicable	☐	$0
(vi)	Low Impact Discharges. Projects may be classified as low impact discharges if they meet the following criteria: 1. The discharge affects less than (a) 0.1 acre, (b) 200 linear feet, and (c) 25 cubic yards. 2. Demonstrate that the discharger: (a) has taken all practicable measures to avoid impacts, (b) for unavoidable temporary impacts the discharger will restore waters and vegetation to pre-project conditions as quickly as practicable, (c) for unavoidable permanent impacts the discharger will ensure that there is no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal. 3. The discharge will not: (a) directly or indirectly destabilize a bed of a receiving water, (b) contribute to significant cumulative effects, (c) cause pollution, contamination, or nuisance, (d) adversely affect candidate, threatened, or endangered species, (e) degrade water quality or beneficial uses, (f) be toxic, or (g) include "hazardous" or "designated" material. 4. Discharge is to waterbody regulated as "waters of the United States".	$840 Flat fee.	Check if Applicable	☐	$0

(vii)	**Restoration Projects.** Projects undertaken for the sole purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects that include a non-restorative component, e.g., land development, property protection, or flood management..	$640 Flat fee	Check if Applicable	☐	$0
(viii)	**General Orders.** Projects which are required to submit notification of a proposed discharge to the State and/or Regional Board pursuant to a general water quality certification permitting discharges authorized by a federal general permit or license, (e.g., a U.S. Army Corps of Engineers nationwide permit). Applies ONLY if general water quality certification was previously granted.	$77 Flat Fee	Check if Applicable	☐	$0
	TOTAL FEE FOR ALL CATEGORIES Include $640 Base Fee for Categories (i)-(iii) as applicable. Total fee [illegible]				[illegible]
	Amended Orders. Amendments of WDR's or water quality certifications previously issued for one-time discharges not subject to annual billings. Fees charged as follows:				$0
	(a) Minor project changes, not requiring technical anlysis and involving only minimal processing time.	No fee required			$0
	(b) Changes to projects eligible for flat fees (fee categories v. - viii. above) where technical analysis is needed to assure continuing eligibility for flat fee and that beneficial uses are still protected.	Appropriate flat fee			$0
	(c) Project changes not involving an increased discharge amount, but requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified	$640 flat fee			$0
	(d) Project changes involving an increased discharge amount and requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.	Additional fee assessed per increased amount of discharge(s) per this dredge and fill fee schedule (Section 2200 (a)(3)) (plus $640 base fee)			$0
	(e) Major project changes requiring an essentially new analysis and re-issuance of WDR's or water quality certification.	New fee assessed per this dredge and fill fee schedule (Section 2200 (a)(3)).			$0

1(a) When a single project includes multiple discharges within a single dredge and fill category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple fee categories, the total fee shall be the sum of the fees assessed under each applicable fee category; however a $640 base fee, if required, shall be charged only once. Fees shall be based on the largest discharge size specified in the original or revised report of waste discharge or Clean Water Act (CWA) section 401 water quality certification application, or as reduced by the applicant without any State or Regional Board intervention. If water quality certification is issued in conjunction with waste discharge requirements (WDRs) or is issued for a discharge regulated under preexisting WDRs, the current annual WDR fee as derived from this dredge and fill fee schedule shall be paid in advance during the application for water quality certification, and shall comprise the fee for water quality certification.

1(b) Discharges requiring water quality certification and regulated under a federal permit or license other than a US Army Corps of Engineers CWA section 404 permit or a Federal Energy Regulatory Commission License shall be assessed a fee determined from the table in CCR 23, Section 2200(a).

2 "Excavation" refers to moving sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of discharge. It typically is done for purposes other than navigation. Example includes trenching for utility lines, other earthwork preliminary to construction, and removing sediment to increase channel capacity.

3 "Dredging" generally refers to removing sediment in deeper water to increase depth. The impacts to benficial uses are best described by the volume of the discharge and typically occur to facilitate navigation. For fee purposes it also includes aggregate extraction within stream channels where the substrate is composed of course sediment (e.g., gravel) and is reshaped by normal winter flows (e.g., point bars), where natural flood disturbance precludes establishment of significant riparian vegetation, and where extraction timing, location and volume will not cause changes in channel structure (except as required by regulatory agencies for habitat improvement) or impair the ability of the channel to support beneficial uses.

SENDER: COMPLETE THIS SECTION

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

A.G. Kading
35411 Paseo Vierto
Capistrano Beach, CA 92624

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A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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A.G. Kading
Street, Apt. No.; or PO Box No. 35411 Paseo Vierto
City, State, ZIP+4 Capistrano Beach, CA 92624

PS Form 3800, August 2006 See Reverse for Instructions

California Regional Water Quality Control Board

San Diego Region

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January 07, 2010

Certified Mail – Return Receipt Requested
Article Number: 7008 1140 0002 4060 6845

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

In reply refer to:
742396: cloflen

Dear Mr. Kading:

SUBJECT: Denial Without Prejudice for Clean Water Act Section 401 Water Quality Certification Application No. 09C-057 for the Murrieta Higher Education Facility Development Plan.

The California Regional Water Quality Control Board, San Diego Region (Regional Board), received your application for Water Quality Certification for the **Murrieta Higher Education Facility Development Plan** on August 4, 2009, and it was assigned file number **09C-057**. Your application is being denied without prejudice the following reason:

- ☐ Application is incomplete and the certification time period will expire [23 CCR § 3835(b)].
- ☑ Supplemental information that was requested was not forthcoming [23 CCR § 3836(b)].
- ☐ Final CEQA documentation is lacking [23 CCR § 3836(c)].
- ☐ The Regional Board intends to take action, but will not be able to do so within the regulatory time constraints [23 CCR § 3838(c)].

Denial without prejudice is done for procedural, not substantive, reasons and does not include any judgment on the technical merits of the project [23 CCR § 3831(h)]. The Regional Board, upon receipt of the requested supplemental information, will conduct a review of the information and may consider taking an action on the Certification application. Further information to clarify, amplify, correct, or otherwise supplement the application may be requested following receipt of this notification.

The applicant has the option of withdrawing the application until the procedural issues have been resolved. If you wish to withdraw this 401 Water Quality Certification application, please notify the Regional Board in writing within 14 days of the date of this letter. For voluntary withdrawal or denial without prejudice, no new application fee is

required if you respond within 12 months, procedural problems are fixed, and there are no significant project changes.

In the subject line of any response, please include the requested "**In reply refer to:**" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Chad Loflen directly at (858) 467-2727 or by email at cloflen@waterboards.ca.gov.

Sincerely,

David W. Gibson
Executive Officer
San Diego Regional Water Quality Control Board

cc (via e-mail):

Mark Durham, U.S. Army Corps of Engineers, Regulatory Division
mark.durham@usace.army.mil

Anna Milloy, California Department of Fish and Game
amilloy@dfg.ca.gov

Lisa M. Tollstrup, Tom Dodson & Associates
lisa@tdaenv.com

Tech Staff Info & Use	
File No.	09C-057
WDID	9000001951
Reg. Measure ID	369504
Place ID	742396
Party ID	516003
Person ID	53988

California Regional Water Quality Control Board

San Diego Region

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Governor

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http:// www.waterboards.ca.gov/sandiego

March 10, 2010

Certified Mail – Return Receipt Requested
Article Number: 7008 1140 0002 4060 6852

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

In reply refer to:
742396: cloflen

Dear Mr. Kading:

Subject: Action on Request for Clean Water Act Section 401 Water Quality Certification for the **Murrieta Higher Education Facility Development Plan Project** Water Quality Certification No. **09C-057**

Enclosed find Clean Water Act Section 401 Water Quality Certification for discharge to Waters of the U.S. and acknowledgment of enrollment under State Water Resources Control Board Order No. 2003-017 DWQ for the **Murrieta Higher Education Facility Development Plan Project** (project). A description of the project and project location can be found in the project information sheet, location maps, and site maps, which are included as attachments.

Any petition for reconsideration of the Certification must be filed with the State Water Resources Control Board within 30 days of certification action (23 CCR § 3867). If no petition is received, it will be assumed that you have accepted and will comply with all the conditions of the Certification.

Failure to comply with all conditions of the Certification may subject you to enforcement actions by the California Regional Water Quality Control Board, San Diego Region, including administrative enforcement orders requiring you to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative civil liability in amounts of up to $5,000 per day per violation; referral to the State Attorney General for injunctive relief; and, referral to the District Attorney for criminal prosecution.

In the subject line of any response, please include the requested "**In reply refer to:**" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Chad Loflen at (858) 467-2727 or cloflen@waterboards.ca.gov.

Respectfully,

DAVID W. GIBSON
Executive Officer

Enclosures:

Clean Water Act Section 401 Water Quality Certification No. 09C-057 for the **Murrieta Higher Education Facility Development Plan**, with attachments

cc: Refer to Attachment 2 of Certification 9C-057 for E-mail Distribution List.

Tech Staff Info & Use	
File No.	09C-057
WDID	9000001951
Reg. Measure ID	369504
Place ID	742396
Party ID	516003
Person ID	53988

California Regional Water Quality Control Board
San Diego Region

Linda S. Adams
Secretary for Environmental Protection

Over 50 Years Serving San Diego, Orange, and Riverside Counties
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http:// www.waterboards.ca.gov/sandiego

Action on Request for
Clean Water Act Section 401 Water Quality Certification
and Waste Discharge Requirements
for Discharge of Dredged and/or Fill Materials

PROJECT: **Murrieta Higher Education Facility Development Plan, Certification Number (09C-057) WDID: 9 000001951**

CIWQS
Reg. Meas. ID: 369504
Place ID: 742396
Party ID: 516003

APPLICANT: **A.G. Kading**
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

ACTION:

☐ Order for Low Impact Certification	☐ Order for Denial of Certification
☑ Order for Technically-conditioned Certification	☐ Waiver of Waste Discharge Requirements
☑ Enrollment in SWRCB GWDR Order No. 2003-017 DWQ	☐ Enrollment in Isolated Waters Order No. 2004-004 DWQ

PROJECT DESCRIPTION:
The project is a multi-use commercial and educational development in the City of Murrieta, Riverside County. The project site contains northern and southern unnamed on-site drainages, each of which convey flows from east of the project site downstream into Murrieta Creek. Construction of the project would result in permanent impacts at the two on-site drainages, and at one off-site drainage associated with the Monroe Avenue road crossing. The project would require the placement of a culvert at the Monroe Avenue crossing, the placement of the entire northern drainage in an underground culvert, and the underground piping of a portion of the southern drainage. The project would result in permanent impacts to 0.09 acres (680 linear feet) and temporary impacts to 0.02 acres (75 linear feet) of unvegetated waters of the United States.

STANDARD CONDITIONS:

The following three standard conditions apply to all Certification actions, except as noted under Condition 3 for denials (Action 3).

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).

2. This Certification action is not intended and must not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to 23 CCR subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. The validity of any non-denial Certification action (Actions 1 and 2) must be conditioned upon total payment of the full fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency.

ADDITIONAL CONDITIONS:

In addition to the three standard conditions, Mr. A.G. Kading, Murrieta Education Center, LLC must satisfy the following:

A. GENERAL CONDITIONS:

1. Mr. A.G. Kading, Murrieta Education Center, LLC must, at all times, fully comply with the engineering plans, specifications and technical reports submitted to the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), to support this 401 Water Quality Certification (Certification) and all subsequent submittals required as part of this Certification and as described in Attachment 1. The conditions within this Certification must supersede conflicting provisions within such plans submitted prior to the Certification action. Any modifications thereto, would require notification to the San Diego Water Board and reevaluation for individual Waste Discharge Requirements and/or Certification amendment.

2. During construction, Mr. A.G. Kading, Murrieta Education Center, LLC must maintain a copy of this Certification at the project site so as to be available at all times to site personnel and agencies.

3. Mr. A.G. Kading, Murrieta Education Center, LLC must permit the San Diego Water Board or its authorized representative at all times, upon presentation of credentials:

    a. Entry onto project premises, including all areas on which wetland fill or wetland mitigation is located or in which records are kept.
    b. Access to copy any records required to be kept under the terms and conditions of this Certification.
    c. Inspection of any treatment equipment, monitoring equipment, or monitoring method required by this Certification.
    d. Sampling of any discharge or surface water covered by this Order.

4. Mr. A.G. Kading, Murrieta Education Center, LLC must notify the San Diego Water Board within **24 hours** of any unauthorized discharge, including hazardous or toxic materials, to waters of the U.S. and/or State; measures that were implemented to stop and contain the discharge; measures implemented to clean-up the discharge; the volume and type of materials discharged and recovered; and additional best management practice (BMPs) or other measures that will be implemented to prevent future discharges.

5. Mr. A.G. Kading, Murrieta Education Center, LLC must, at all times, maintain appropriate types and sufficient quantities of materials onsite to contain any spill or inadvertent release of materials that may cause a condition of pollution or nuisance if the materials reach waters of the U.S. and/or State.

6. This Certification is not transferable in its entirety or in part to any person except after notice to the Executive Officer of the San Diego Water Board in accordance with the following terms.

    a. Transfer of Property Ownership: Mr. A.G. Kading, Murrieta Education Center, LLC must notify the San Diego Water Board of any change in ownership of the project area Notification of change in ownership must include, but not be limited to, a statement that Mr. A.G. Kading, Murrieta Education Center, LLC has provided the purchaser with a copy of the Section 401 Water Quality Certification and that the purchaser understands and accepts the certification requirements and the obligation to implement them or be subject to liability for failure to do so; the seller and purchaser must sign and date the notification and provide such notification to the Executive officer of the San Diego Water Board within **10 days** of the transfer of ownership.

    b. Transfer of Mitigation Responsibility: Any notification of transfer of responsibilities to satisfy the mitigation requirements set forth in Section D shall include a signed statement from an authorized representative of the new party (transferee) demonstrating acceptance and understanding of the responsibility to comply with and fully satisfy the mitigation conditions

and agreement that failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the San Diego Water Board under Water Code section 13385, subdivision (a). Notification of transfer of responsibilities meeting the above conditions must be provided to the San Diego Water Board within **10 days** of the transfer date.

c. Transfer of Post-Construction BMP Maintenance Responsibility: Mr. A.G. Kading, Murrieta Education Center, LLC, assumes responsibility for the inspection and maintenance of all post-construction structural BMPs until such responsibility is legally transferred to another entity. At the time maintenance responsibility for post-construction BMPs is legally transferred, Mr. A.G. Kading, Murrieta Education Center, LLC must submit to the San Diego Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer specifications.

7. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation must be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.

8. In response to a suspected violation of any condition of this Certification, the San Diego Water Board may require the holder of any permit or license subject to this Certification to furnish, under penalty of perjury, any technical or monitoring reports the San Diego Water Board deems appropriate, provided that the burden, including costs, of the reports must bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

9. In response to any violation or threatened violation of the conditions of this Certification, the San Diego Water Board may add to or modify the conditions of this Certification as appropriate to ensure compliance.

10. Mr. A.G. Kading, Murrieta Education Center, LLC and successor owners must submit annual progress reports describing status of compliance with all requirements of this Certification to the San Diego Water Board prior to **August 1** of each year following the issuance of this Certification until the project has reached completion.

B. PROJECT CONDITIONS:

1. Prior to the start of the project, and annually thereafter, Mr. A.G. Kading, Murrieta Education Center, LLC must educate all personnel on the requirements in this Certification, pollution prevention measures, spill response, and BMP implementation and maintenance.

2. Mr. A.G. Kading, Murrieta Education Center, LLC must comply with the requirements of State Water Resources Control Board Water Quality Order No. 2003-0017-DWQ, Statewide General Waste Discharge Requirements for discharges of dredged or fill material that have received State Water Quality Certification. These General Waste Discharge Requirement are accessible at: http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf.

3. Mr. A.G. Kading, Murrieta Education Center, LLC must notify the San Diego Water Board in writing at least **5 days** prior to the actual commencement of dredge, fill, and discharge activities.

4. Mr. A.G. Kading, Murrieta Education Center, LLC must comply with the requirements of State Water Resources Control Board Water Quality Order No. 99-08-DWQ, and any subsequent re-issuance, the NPDES General Permit for Storm Water Discharges Associated with Construction Activity.

5. The treatment, storage, and disposal of wastewater during the life of the project must be done in accordance with waste discharge requirements established by the San Diego Water Board pursuant to CWC § 13260.

6. Discharges of concentrated flow during construction or after completion must not cause downstream erosion or damage to properties or stream habitat.

7. Water containing mud, silt, or other pollutants from equipment washing or other activities, must not be discharged to waters of the United States and/or the State or placed in locations that may be subjected to storm flows. Pollutants discharged to areas within a stream diversion area must be removed at the end of each work day or sooner if rain is predicted.

8. All surface waters, including ponded waters, must be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. Diversion activities must not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Any temporary dam or other artificial obstruction constructed must only be built from materials such as clean gravel which will cause little or no siltation. Normal flows must be restored to the affected stream immediately upon completion of work at that location.

9. Substances hazardous to aquatic life including, but not limited to, petroleum products, raw cement/concrete, asphalt, and coating materials, must be prevented from contaminating the soil and/or entering waters of the United States and/or State. BMPs must be implemented to prevent such discharges during each project activity involving hazardous materials.

10. Removal of vegetation must occur by hand, mechanically, or using EPA approved herbicides deployed using applicable BMPs to prevent impacts to Beneficial Uses of waters of the State. Removal of vegetation must occur outside of the avian nesting season (March 15- August 31).

C. **POST CONSTRUCTION STORM WATER MANAGEMENT**

1. All storm drain inlet structures within the project boundaries must be stamped and/or stenciled (or equivalent) with appropriate language prohibiting non-storm water discharges.

2. All post-construction BMPs, including those described in the Project Specific Water Quality Management Plan for Murrieta Education Center prepared by Excel Engineering and dated January, 2008, must be sized to comply with the following numeric sizing criteria and treat 100 percent of the impervious surfaces associated with the project:

   a. Volume
   Volume-based BMPs must be designed to mitigate (infiltrate, filter, or treat) either:
      i. The volume of runoff produced from a 24-hour 85th percentile storm event, as determined from the local historical rainfall record (0.6 inch approximate average for the San Diego County area); or
      ii. The volume of runoff, as determined from the local historical rainfall record, that achieves approximately the same reduction in pollutant loads and flows as achieved by mitigation of the 85th percentile 24-hour runoff event; or

   b. Flow
   Flow-based BMPs must be designed to mitigate (infiltrate, filter, or treat) either:
      i. The maximum flow rate of runoff produced from a rainfall intensity of 0.2 inch of rainfall per hour; or
      ii. The maximum flow rate of runoff produced by the 85th percentile hourly rainfall intensity, as determined from the local historical rainfall record, multiplied by a factor of two; or
      iii. Th e maximum flow rate of runoff, as determined from the same reduction in pollutant loads and flows as achieved by mitigation of the 85th percentile hourly rainfall intensity multiplied by a factor of two.

3. Post-construction BMPs must be installed and functional prior to use of development.

4. Mr. A.G. Kading, Murrieta Education Center, LLC must install the on-site Stormchambers (or equivalent), FloGard Plus catch basin filters (or equivalent) and bio/san filters as described in the Project Specific Water Quality Management Plan for Murrieta Education Center prepared by Excel Engineering and dated January, 2008.

5. All post-construction structural BMPs must be regularly inspected and maintained by Mr. A.G. Kading, Murrieta Education Center, LLC or their designated party for the life of the project per the manufacturers' specifications.

6. Treatment BMPs must be inspected prior to the commencement of the rainy season (October 1) and after every storm event exceeding 0.5 inches of precipitation.

7. Records must be kept regarding inspections and maintenance in order to assess the performance of the systems and determine whether adaptations are necessary to protect receiving waters.

D. COMPENSATORY MITIGATION FOR LOSS OF WATERS OF THE U.S./STATE

1. Mitigation for permanent discharges to 0.09 acres (680 linear feet) and temporary discharges to 0.002 acres (75 linear feet) of non-wetland waters of the United States must occur as follows and as described in the Habitat Mitigation and Monitoring Plan Murrieta Education Center, dated February 16, 2010:

   a. Through the on-site establishment (creation) of 0.126 acres (262 linear feet) of vegetated waters of the United States.
   b. Through the on-site enhancement of 0.107 acres of un-vegetated waters of the United States.
   c. Through the purchase of 0.5 acres of enhancement, restoration or establishment credit through the local Resource Conservation District or equivalent entity acceptable to the San Diego Water Board. Proof of purchase must be provided to the San Diego Water Board **within 12 months of Certification issuance**.

2. Mr. A.G. Kading, Murrieta Education Center, LLC must submit a Final Enhancement and Mitigation Plan **prior to commencement of** Project construction.

3. Mr. A.G. Kading, Murrieta Education Center, LLC must restore all areas of temporary impacts and all other areas of temporary disturbance which could

result in a discharge or a threatened discharge to waters of the United States/State. Restoration must include grading of disturbed areas to pre-project contours and revegetation with native species. Mr. A.G. Kading, Murrieta Education Center, LLC must implement all necessary BMPs to control erosion and runoff from areas associated with this project.

4. **Prior to the start of construction**, Mr. A.G. Kading, Murrieta Education Center, LLC must provide the San Diego Water Board a draft preservation mechanism (e.g. deed restriction, conservation easement, etc.) that will protect all mitigation areas and their buffers in perpetuity. Within **one year of the start of construction**, Mr. A.G. Kading, Murrieta Education Center, LLC must submit proof of a completed preservation mechanism that will protect all mitigation areas and their buffers in perpetuity. The conservation easement, deed restriction, or other legal limitation on the mitigation property must be adequate to demonstrate that the site will be maintained without future development or encroachment on the site which could otherwise reduce the functions and values of the site for the variety of beneficial uses of waters of the U.S. that it supports. The legal limitation must prohibit, without exception, all residential, commercial, industrial, institutional, and transportation development, and any other infrastructure development that would not maintain or enhance the wetland and streambed functions and values of the site. The preservation mechanism must clearly prohibit activities that would result in soil disturbance or vegetation removal, other than the removal of non-native vegetation. Other infrastructure development to be prohibited includes, but is not limited to, additional utility lines, maintenance roads, and areas of maintained landscaping for recreation.

5. Mr. A.G. Kading, Murrieta Education Center, LLC must notify the San Diego Water Board in writing at least **5 days** prior to the actual commencement of mitigation installation, and upon completion of mitigation installation.

6. Mitigation Site Preparation: Mr. A.G. Kading, Murrieta Education Center, LLC must salvage leaf litter, coarse woody debris, and upper soil horizons from impacted jurisdictional water sites that are relatively free of invasive exotic species for use in on-site mitigation areas.

7. Mr. A.G. Kading, Murrieta Education Center, LLC must also salvage large cuttings from appropriate tree species if they exist at the impact site and use them as pole plantings at the mitigation site.

8. Mr. A.G. Kading, Murrieta Education Center, LLC must submit a report (including topography maps and planting locations) to the San Diego Water Board within **90 days** of completion of mitigation site preparation and planting, describing as-built status of the mitigation project.

9. The construction of proposed mitigation must be concurrent with project grading and completed no later than 9 months following the initial discharge of dredge or fill material into on-site waters. Delays in implementing mitigation must be compensated for by an increased mitigation implementation of 10 percent of the cumulative compensatory mitigation (compounded monthly) for each month of delay.

10. Throughout the mitigation monitoring program mitigation areas must be maintained free of perennial exotic plant species including, but not limited to, pampas grass, giant reed, tamarisk, sweet fennel, tree tobacco, castor bean, and pepper tree. Annual exotic plant species must not occupy more than 5 percent of the onsite or offsite mitigation areas.

11. San Diego Water Board acceptance of the mitigation plan applies only to the site and plan that mitigates for the Murrieta Higher Education Facility project and must not be construed as approval of the mitigation site or plan for use by other current or future projects that are planning to use the Project site for mitigation.

12. If at any time during the implementation and establishment of the mitigation area(s), and prior to verification of meeting success criteria, a catastrophic natural event (e.g., fire, flood) occurs and impacts the mitigation area, Mr. A.G. Kading, Murrieta Education Center, LLC is responsible for repair and replanting of the damaged area(s).

13. Mitigation monitoring reports must be submitted annually until mitigation has been deemed successful. Annual monitoring reports must be submitted prior to **December 1** of each year. Monitoring reports must include, but not be limited to, the following:

    a. Names, qualifications, and affiliations of the persons contributing to the report;
    b. Tables presenting the raw data collected in the field as well as analyses of the physical and biological data, including at a minimum;
    c. Topographic complexity characteristics at each mitigation site;
    d. Upstream and downstream habitat and hydrologic connectivity;
    e. Source of hydrology;
    f. Width of native vegetation buffer around the entire mitigation site;
    g. Qualitative and quantitative comparisons of current mitigation conditions with pre-construction conditions and previous mitigation monitoring results;
    h. Photodocumentation from established reference points;
    i. A Survey report documenting boundaries of mitigation area; and
    j. Other items specified in the final mitigation and monitoring plan.

14. In the event that the proposed mitigation does not obtain the 5th year success criteria, the applicant shall provide the SDWB with a technical report detailing the actions that will be taken to bring the mitigation up to the success criteria. This report shall also provide an evaluation of alternative mitigation opportunities within the Murrieta Hydrologic Area to be utilized for additional mitigation, if portions of the required mitigation are unsuccessful after five years.

15. For the purpose of determining mitigation credit for the removal of exotic/invasive plant species, only the actual area occupied by exotic/invasive plant species must be quantified to comply with mitigation requirements.

16. For purposes of this Certification, establishment is defined as the creation of vegetated or unvegetated waters of the U.S./State where the resource has never previously existed (e.g. conversion of nonnative grassland to a freshwater marsh). Restoration is divided into two activities, re-establishment and rehabilitation. Re-establishment is defined as the return of natural/historic functions to a site where vegetated or unvegetated waters of the U.S./State previously existed (e.g., removal of fill material to restore a drainage). Rehabilitation is defined as the improvement of the general suite of functions of degraded vegetated or unvegetated waters of the U.S./State (e.g., removal of a heavy infestation or monoculture of exotic plant species from jurisdictional areas and replacing with native species). Enhancement is defined as the improvement to one or two functions of existing vegetated or unvegetated waters of the U.S./State (e.g., removal of small patches of exotic plant species from an area containing predominantly natural plant species). Preservation is defined as the acquisition and legal protection from future impacts in perpetuity of existing vegetated or unvegetated waters of the U.S./State (e.g., conservation easement).

E. S TREAM PHOTO DOCUMENTATION PROCEDURE

1. Mr. A.G. Kading, Murrieta Education Center, LLC, and its successors, must conduct photo documentation of the project site, including all areas of permanent and temporary impact, prior to and after project construction, and mitigation areas, including all areas of permanent and temporary impact, prior to and after project construction. Photo documentation must be conducted in accordance with the State Water Resources Control Board Standard Operating Procedure 4.2.1.4: Stream Photo Documentation Procedure, included as Attachment Number (7). In addition, photo documentation must include Geographic Positioning System (GPS) coordinates for each of the photo points referenced. Mr. A.G. Kading, Murrieta Education Center, LLC must submit this information in a photo documentation report to the San Diego Water Board with the **Mitigation and Monitoring reports (see Condition D.13)**. The report must include a compact disc that contains digital files of all the photos (jpeg file type or similar).

F. Post-construction Best Management Practices Photo Documentation Procedure

1. Mr. A.G. Kading, Murrieta Education Center, LLC must conduct photo documentation of implemented post-construction BMPs. Photo-documentation must be modeled after the State Water Resources Control Board Standard Operating Procedure 4.2.1.4: Stream Photo Documentation Procedure, included as Attachment 6. In addition, photo documentation must include Global Positioning System (GPS) coordinates for each of the photo points referenced. Mr. A.G. Kading, Murrieta Education Center, LLC must submit this information in a photo documentation report to the San Diego Water Board with the **Final Project Annual Report (see Condition A.10)**. The report must include a compact disc that contains digital files of all the photos (jpeg file type or similar).

G. Geographic Information System Reporting

1. Mr. A.G. Kading, Murrieta Education Center, LLC must submit Geographic Information System (GIS) shape files of the impact and mitigation areas within **first Mitigation and Monitoring Report (see Condition D.12)** following mitigation installation. All impact and mitigation areas shapefiles must be polygons. Two GPS readings (points) must be taken on each line of the polygon and the polygon must have a minimum of 10 points. GIS metadata must also be submitted.

H. Reporting:

1. All information requested in this Certification is pursuant to California Water Code (CWC) section 13267. Civil liability may be administratively imposed by the San Diego Water Board for failure to furnish requested information pursuant to CWC section 13268.

2. All reports and information submitted to the San Diego Water Board must be submitted in both hardcopy and electronic format. The preferred electronic format for each report submission is one file in PDF format that is also Optical Character Recognition (OCR) capable.

3. Mr. A.G. Kading, Murrieta Education Center, LLC must submit a report to the San Diego Water Board within **the Final Project Annual Report (see Condition A.10)** of completion of the project. The report should include as-built drawings no bigger than 11" x 17" and photos of the completed project.

4. All applications, reports, or information submitted to the San Diego Water Board must be signed and certified as follows:

a. For a corporation, by a responsible corporate officer of at least the level of vice president.
b. For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
c. For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.

5. A duly authorized representative of a person designated in Items 4.a. through 4.c. above may sign documents if:

   a. The authorization is made in writing by a person described in Items 4.a. through 4.c. above.
   b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
   c. The written authorization is submitted to the San Diego Water Board Executive Officer.

6. All applications, reports, or information submitted to the San Diego Water Board must be signed and certified as follows:

   "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

7. Mr. A.G. Kading, Murrieta Education Center, LLC must submit reports required under this Certification, or other information required by the San Diego Water Board, to:

   Executive Officer
   California Regional Water Quality Control Board
   San Diego Region
   Attn: 401 Certification; Project No. 09C-059
   9174 Sky Park Court, Suite 100
   San Diego, California 92123

8. Required Reports: The following list summarizes the reports required per the conditions of this Certification to be submitted to the San Diego Water Board.

Report Topic	Certification Condition	Due Date(s)
Unauthorized Discharge	A.4	Within 24 Hours
Certification Transfer	A.6	Within 10 Days of Transfer
Annual Progress Reports	A.10	August 01 Annually
Commencement of Fill	B.3	5 Days Prior
Proof of Mitigation Purchase	D.1	Within 12 months of Certification
Final Enhancement and Mitigation Plan	D.2	Prior to Construction
Preservation Mechanism	D.4	Draft Prior to Construction Final within 1 year of Construction Initiation
Mitigation Commencement and Installation Completion	D.5	5 days Prior and Upon Completion
Mitigation As-Builts	D.8	Within 90 days of Completion
Mitigation Annual Reports	D.13	December 01 Annually
Stream Photo Documentation	E.1	Mitigation and Monitoring Reports
Post-Construction BMP Photo Documentation	F.1	Final Project Annual Report
GIS Reporting	G.1	First Mitigation and Monitoring Report
Project As-Builts	H.3	Final Project Annual Report

CEQA FINDINGS:

1. The City of Murrieta is the lead agency under the California Environmental Quality Act (Public Resources Code section 21000, et seq., (CEQA)),and filed a Notice of Determination on December 12, 2008 for a Negative Declaration (SCH# 2008101093) for the project under CEQA Guidelines Title 14, California Code of Regulations, 15075 (14 CCR § 15075).

2. The San Diego Water Board has reviewed the lead agency's Initial Study, and finds that the project as proposed will not have a significant effect on the environment and therefore determines that issuance of this Certification is consistent with the Negative Declaration.

PUBLIC NOTIFICATION OF PROJECT APPLICATION:

On August 05, 2009 receipt of the project application was posted on the San Diego Water Board web site to serve as appropriate notification to the public. No comments from the public were received.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

Chad Loflen
California Regional Water Quality Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123
858-467-2727
cloflen@waterboards.ca.gov

WATER QUALITY CERTIFICATION:

I hereby certify that the proposed discharge from the Murrieta Higher Education Facility Development Plan Project (Project No. 09C-057) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017 DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue waste discharge requirements at that time.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicants' project description and/or on the attached Project Information Sheet, and (b) on compliance with all applicable requirements of the San Diego Water Board's Water Quality Control Plan (Basin Plan).

David W. Gibson

DAVID W. GIBSON
Executive Officer
Regional Water Quality Control Board

3-10-10
Date

Attachments:

1. Project Information
2. Distribution List
3. Location Map
4. Site Maps
5. Mitigation Map
6. Post-Construction BMP Map
7. Stream Photodocumentation Procedure

ATTACHMENT 1
PROJECT INFORMATION

Applicant:	A.G. Kading Murrieta Education Center, LLC 35411 Paseo Viento Capistrano Beach, CA 92624 Telephone: 949-661-7292
Applicant Representatives:	Tom Dodson & Associates Attention: Lisa Tollstrup 2150 N. Arrowhead Avenue San Bernardino, CA 92405 Telephone: 909-882-3612 Facsimile: 909-882-7015 Email: lisa@tdaenv.com
Project Name:	Murrieta Higher Education Facility
Project Location:	Latitude: 33 32' 46.92"N Longitude: 117 10'54.36"W to Latitude: 33 32' 42.6"N Longitude: 117 10'49.30"W
Type of Project:	Commercial Development
Need for Project:	The project is a mulit-use development with a focus on higher education. The project is needed to provide the Murrieta and Temecula area with a multi-institutional education use development for satellite campus purposes.
Project Description:	The project is a multi-use commercial and educational development in the City of Murrieta, Riverside County. The project site contains northern and southern unnamed on-site drainages, each of which convey flows from east of the project site downstream into Murrieta Creek. Construction of the project would result in permanent impacts at the two on-site drainages, and at one off-site drainage associated with the Monroe Avenue road crossing. The project would require the placement of a culvert at the Monroe Avenue crossing, the placement of the entire northern drainage in an underground culvert, and the underground piping of a portion of the southern drainage. The project would result in permanent impacts to 0.09 acres (680 linear feet) and temporary impacts to 0.02 acres (75 linear feet) of unvegetated waters of the United States.
Federal	U.S. Army Corps of Engineers §404, NWP 14, 39

Agency/Permit:	ACOE Staff: Stephen Estes
Other Required Regulatory Approvals:	California Department of Fish and Game 1600 Streambed Alteration Agreement, CDFG Staff: Anna Milloy
California Environmental Quality Act (CEQA) Compliance:	Initial Study and Negative Declaration, Notice of Determination: 12/12/2008, SCH#2008101093, Lead Agency: City of Murrieta
Receiving Water:	Unnamed tributaries to Murrieta Creek, Santa Margarita HU, Murrieta HA, Murrieta HSA
Affected Waters of the United States:	Temporary: Un-vegetated Streambed: 0.02 acres, 75 linear feet Permanent: Un-vegetated Streambed: 0.09 acres, 680 linear feet
Dredge Volume:	n/a
Related Projects Implemented/to be Implemented by the Applicant(s):	None. Final Road Improvements and associated Post-construction BMPs will be implemented with associated development and the City of Murrieta
Compensatory Mitigation:	On-site: Vegetated Streambed: 0.126 acres (262 linear feet) of creation (establishment), 0.107 acres of enhancement and restoration of temporary impacts to pre-project conditions. Off-site: Purchase of 0.50 acres of enhancement, restoration or establishment credit through the local Resource Conservation District or other approved entity.
Mitigation Location:	On-site at the Southern Drainage. Off-site to be determined.

Best Management Practices (BMPs):	<u>Construction</u> In accordance with State Water Resources Control Board Water Quality Order No. 99-08-DWQ, and any subsequent re-issuance. <u>Post Construction</u> In accordance with the Project Specific Water Quality Management Plan for Murrieta Education Center prepared by Excel Engineering and dated January, 2008. The Project will construct a mixed use commercial development and parking areas. Mr A.G. Kading, Murrieta Education Center, LLC proposes to utilize a low impact development treatment train system to treat and retain storm water flows on-site. The project proposes to utilize Kristar FloGard (or equvilent) storm drains inserts on storm drains constructed as part of the project. Additionally, downspouts for the project will be disconnected from impervious surfaces and biofiltered prior to entering the infiltration chambers. All new impervious surfaces associated with the construction of the project are proposed to be infiltrated on-site in Stormchamber (or equivalent) subsurface infiltration chambers. The Post-Construction BMPs proposed will treat 100 percent of new impervious surfaces associated with construction of the project.
Public Notice:	August 05, 2009. No comments were received on the project.
Inspection:	n/a
Fees:	Total Due: $5,022.00 Total Paid: $5,022.00 (check No. 10098 and No. 10160)
CIWQS:	Regulatory Measure ID: 369504 Place ID: 742396 Party ID: 516003 Person ID: 53988

ATTACHMENT 2
E-MAIL DISTRIBUTION LIST

Stephen Estes
U.S. Army Corps of Engineers, Regulatory Branch
Stephen.M.Estes@usace.army.mil

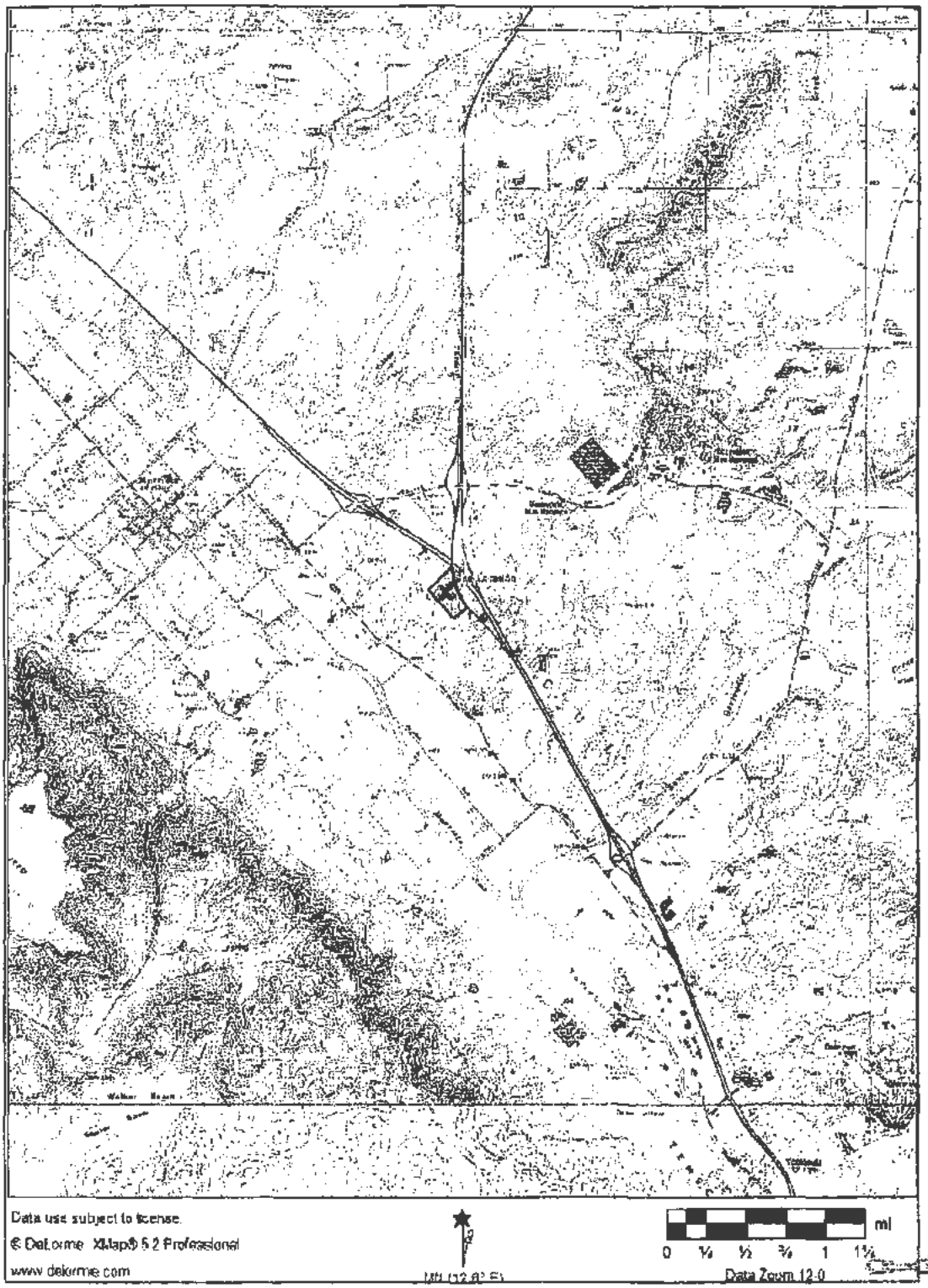
Anna Milloy
California Department of Fish and Game
amilloy@dfg.ca.gov

USEPA, Region 9
R9-WTR8-Mailbox@epa.gov

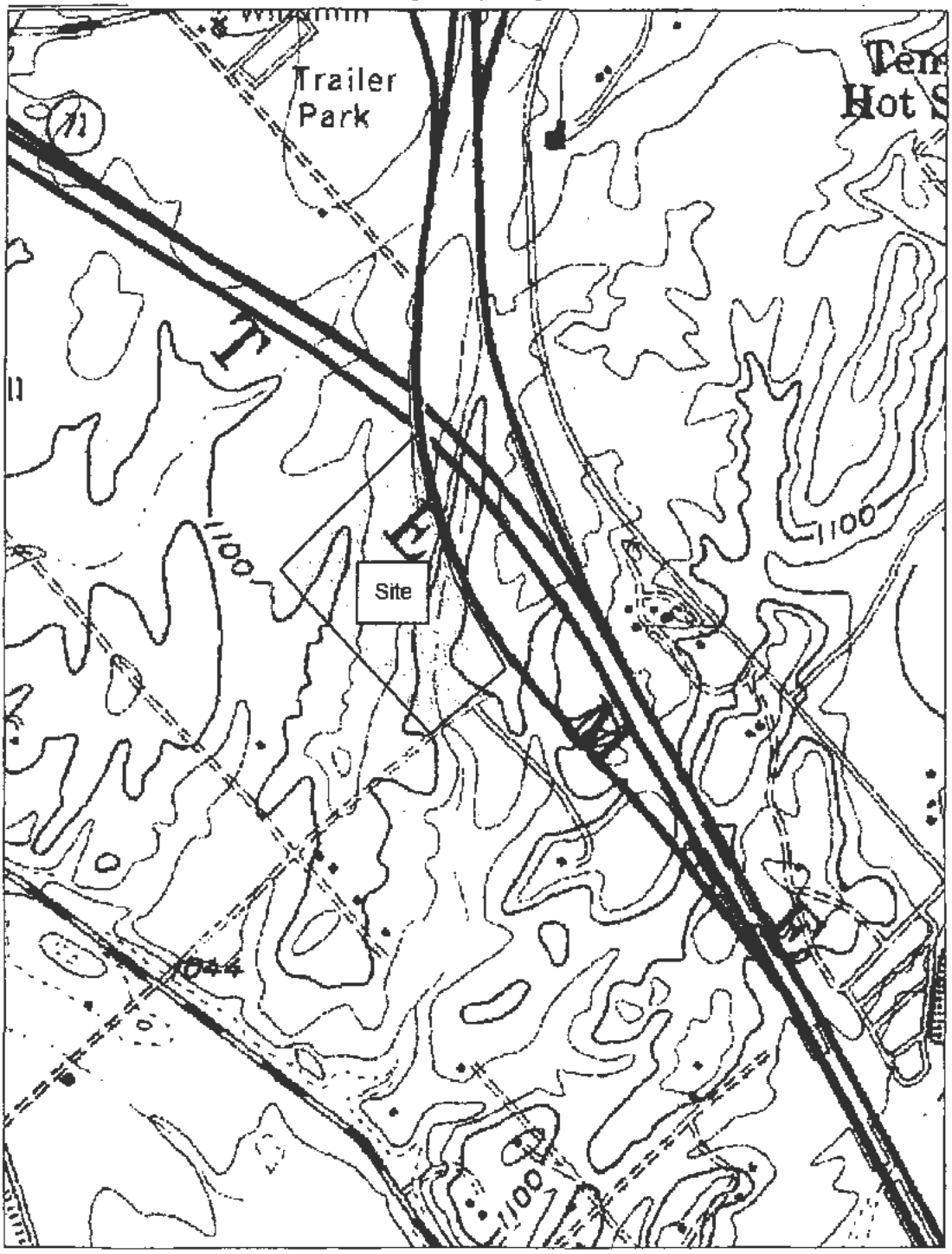
State Water Resources Control Board, Division of Water Quality
401 Water Quality Certification and Wetlands Unit
Stateboard401@waterboards.ca.gov

Lisa Tollstrup
lisa@tdaenv.com

ATTACHMENT 3
PROJECT LOCATION



ATTACHMENT 4
SITE MAPS



Data use subject to license.
© DeLorme. XMap® 5.2 Professional.
www.delorme.com

MN (12.6° E)

0 200 400 600 800 1000 1200 1400 ft
Data Zoom 14-5

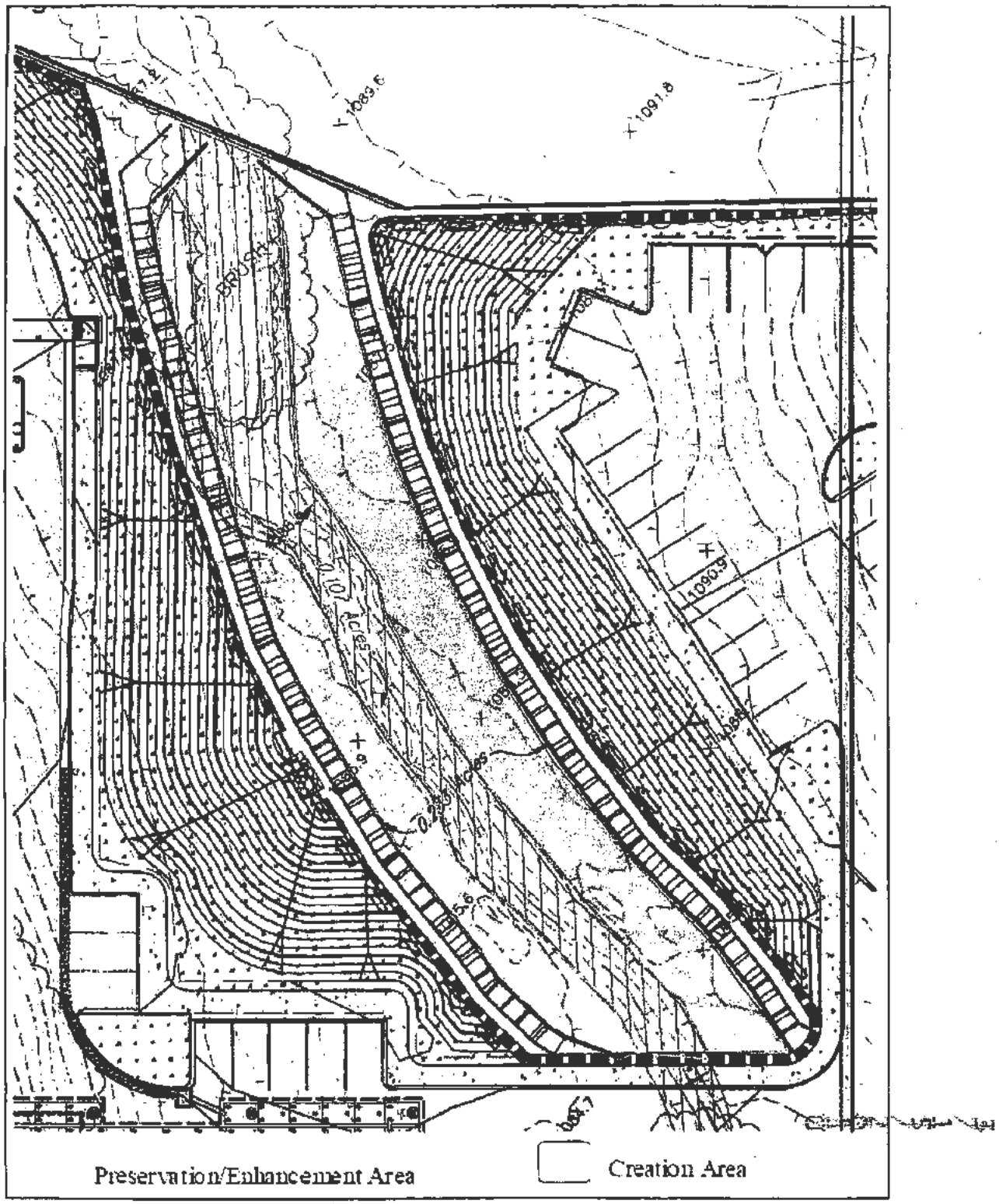
Project Site

Channel

Offsite Channel Location

ATTACHMENT 5
MITIGATION MAPS

On-Site Mitigation at Channel 1



ATTACHMENT 6
POST CONSTRUCTION BMP MAP

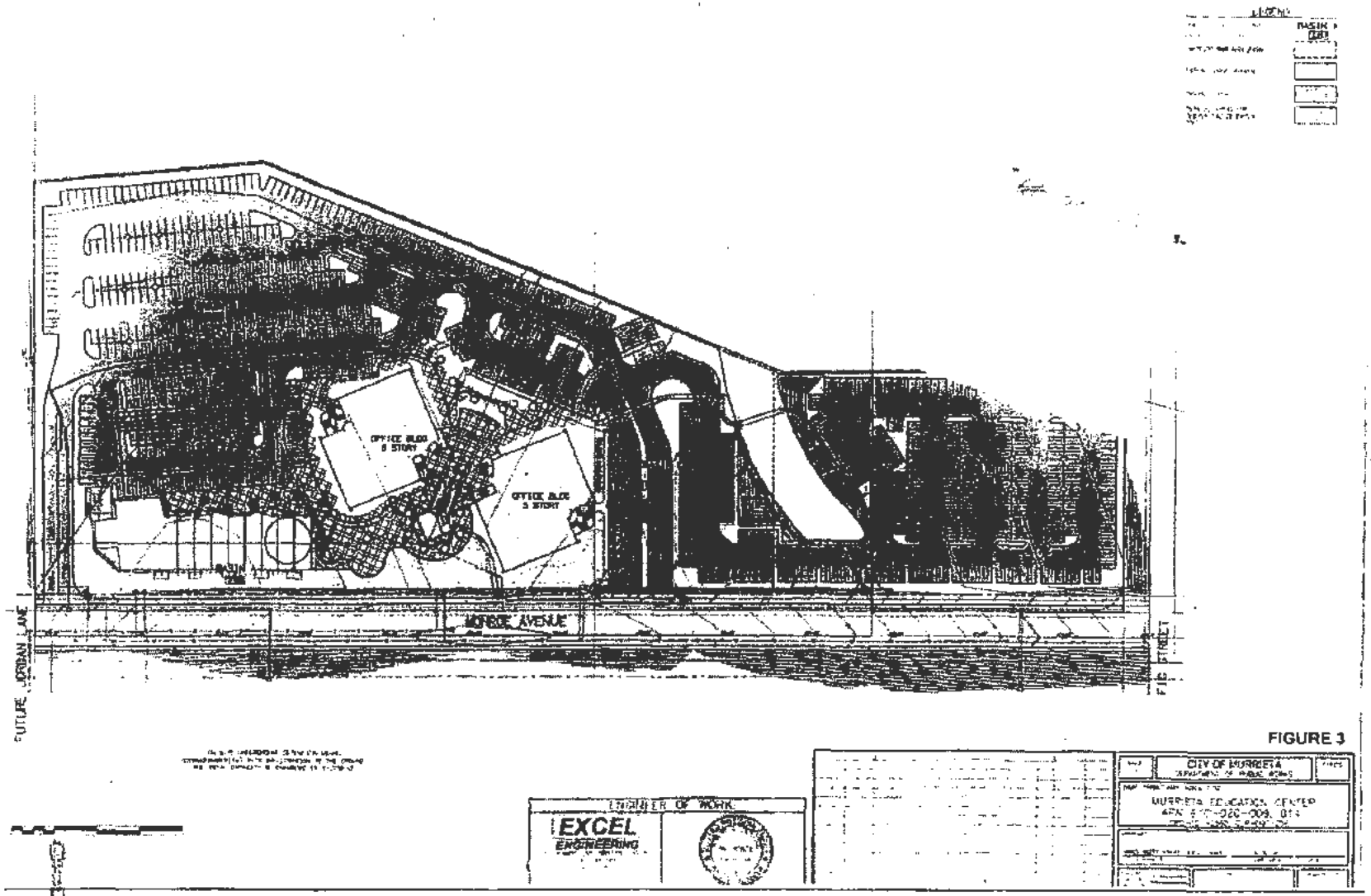


FIGURE 3

ATTACHMENT 7
STREAM PHOTO DOCUMENTATION PROCEDURES

Standard Operating Procedure (SOP)

Stream Photo Documentation Procedure
(CARCD 2001, Written by TAC Visual Assessments work group)

Introduction:

Photographs provide a qualitative, and potentially semi-quantitative, record of conditions in a watershed or on a water body. Photographs can be used to document general conditions on a reach of a stream during a stream walk, pollution events or other impacts, assess resource conditions over time, or can be used to document temporal progress for restoration efforts or other projects designed to benefit water quality. Photographic technology is available to anyone and it does not require a large degree of training or expensive equipment. Photos can be used in reports, presentations, or uploaded onto a computer website or GIS program. This approach is useful in providing a visual portrait of water resources to those who may never have the opportunity to actually visit a monitoring site.

Equipment:

Use the same camera to the extent possible for each photo throughout the duration of the project. Either 35 mm color or digital color cameras are recommended, accompanied by a telephoto lens. If you must change cameras during the program, replace the original camera with a similar one comparable in terms of media (digital vs. 35 mm) and other characteristics. A complete equipment list is suggested as follows:

Required:
- Camera and backup camera
- Folder with copies of previous photos (do not carry original photos in the field)
- Topographic and/or road map
- Aerial photos if available
- Compass
- Timepiece
- Extra film or digital disk capacity (whichever is applicable)
- Extra batteries for camera (if applicable)
- Photo-log data sheets or, alternatively, a bound notebook dedicated to the project
- Yellow photo sign form and black marker, or, alternatively, a small black board and chalk

Optional:

- GPS unit
- Stadia rod (for scale on landscape shots)
- Ruler (for scale on close up views of streams and vegetation)
- Steel fence posts for dedicating fixed photo points in the absence of available fixed landmarks

How to Access Aerial Photographs:

Aerial Photos can be obtained from the following federal agencies:

USGS Earth Science Information Center
507 National Center
12201 Sunrise Valley Drive
Reston, VA 22092
800-USA-MAPS

USDA Consolidated Farm Service Agencies
Aerial Photography Field Office
222 West 2300 South
P.O. Box 30010
Salt Lake City, UT 84103-0010
801-524-5856

Cartographic and Architectural Branch
National Archives and Records Administration
8601 Adelphi Road
College park, MD 20740-6001
301-713-7040

Roles and Duties of Team:

The team should be comprised of a minimum of two people, and preferably three people for restoration or other water quality improvement projects, as follows:
1. Primary Photographer
2. Subject, target for centering the photo and providing scale
3. Person responsible for determining geographic position and holding the photo sign forms or blackboard.

One of these people is also responsible for taking field notes to describe and record photos and photo points.

Safety Concerns:

Persons involved in photo monitoring should **ALWAYS** put safety first. For safety reasons, always have at least two 2 volunteers for the survey. Make sure that the

area(s) you are surveying either are accessible to the public or that you have obtained permission from the landowner prior to the survey.

Some safety concerns that may be encountered during the survey include, but are not limited to:

- Inclement weather
- Flood conditions, fast flowing water, or very cold water
- Poisonous plants (e.g.: poison oak)
- Dangerous insects and animals (e.g.: bees, rattlesnakes, range animals such as cattle, etc.)
- Harmful or hazardous trash (e.g.: broken glass, hypodermic needles, human feces)

We recommend that the volunteer coordinator or leader discuss the potential hazards with all volunteers prior to any fieldwork.

General Instructions:

From the inception of any photo documentation project until it is completed, always take each photo from the same position (photo point), and at the same bearing and vertical angle at that photo point. Photo point positions should be thoroughly documented, including photographs taken of the photo point. Refer to copies of previous photos when arriving at the photo point. Try to maintain a level (horizontal) camera view unless the terrain is sloped. (If the photo can not be horizontal due to the slope, then record the angle for that photo.) When photo points are first being selected, consider the type of project (meadow or stream restoration, vegetation management for fire control, ambient or event monitoring as part of a stream walk, etc.) and refer to the guidance listed on *Suggestions for Photo Points by Type of Project*.

When taking photographs, try to include landscape features that are unlikely to change over several years (buildings, other structures, and landscape features such as peaks, rock outcrops, large trees, etc.) so that repeat photos will be easy to position. Lighting is, of course, a key ingredient so give consideration to the angle of light, cloud cover, background, shadows, and contrasts. Close view photographs taken from the north (i.e., facing south) will minimize shadows. Medium and long view photos are best shot with the sun at the photographer's back. Some artistic expression is encouraged as some photos may be used on websites and in slide shows (early morning and late evening shots may be useful for this purpose). Seasonal changes can be used to advantage as foliage, stream flow, cloud cover, and site access fluctuate. It is often important to include a ruler, stadia rod, person, farm animal, or automobile in photos to convey the scale of the image. Of particular concern is the angle from which the photo is taken. Oftentimes an overhead or elevated shot from a bridge, cliff, peak, tree, etc. will be instrumental in conveying the full dimensions of the

project. Of most importance overall, however, is being aware of the goal(s) of the project and capturing images that clearly demonstrate progress towards achieving those goal(s). Again, reference to *Suggestions for Photo Points by Type of Project* may be helpful.

If possible, try to include a black board or yellow photo sign in the view, marked at a minimum with the location, subject, time and date of the photograph. A blank photo sign form is included in this document.

Recording Information:

Use a systematic method of recording information about each project, photo point, and photo. The following information should be entered on the photo-log forms (blank form included in this document) or in a dedicated notebook:

- Project or group name, and contract number (if applicable, e.g., for funded restoration projects)
- General location (stream, beach, city, etc.), and short narrative description of project's habitat type, goals, etc.
- Photographer and other team members
- Photo number
- Date
- Time (for each photograph)
- Photo point information, including:
    - Name or other unique identifier (abbreviated name and/or ID number)
    - Narrative description of location including proximity to and direction from notable landscape features like roads, fence lines, creeks, rock outcrops, large trees, buildings, previous photo points, etc. – sufficient for future photographers who have never visited the project to locate the photo point
    - Latitude, longitude, and altitude from map or GPS unit
- Magnetic compass bearing from the photo point to the subject
- Specific information about the subject of the photo
- Optional additional information: a true compass bearing (corrected for declination) from photo point to subject, time of sunrise and sunset (check newspaper or almanac), and cloud cover.

For ambient monitoring, the stream and shore walk form should be attached or referenced in the photo-log.

When monitoring the implementation of restoration, fuel reduction, or Best Management Practices (BMP) projects, include or attach to the photo-log a narrative description of observable progress in achieving the goals of the project. Provide supplementary information along with the photo, such as noticeable changes in habitat, wildlife, and water quality and quantity.

Archive all photos, along with the associated photo-log information, in a protected environment.

The Photo Point: Establishing Position of Photographer:

1. Have available a variety of methods for establishing position: maps, aerial photos, GPS, permanent markers and landmarks, etc. If the primary method fails (e.g., a GPS or lost marker post) then have an alternate method (map, aerial photo, copy of an original photograph of the photo-point, etc).

2. Select an existing structure or landmark (mailbox, telephone pole, benchmark, large rock, etc.), identify its latitude and longitude, and choose (and record for future use) the permanent position of the photographer relative to that landmark. Alternatively, choose the procedure described in *Monitoring California's Annual Rangeland Vegetation* (UC/DANR Leaflet 21486, Dec. 1990). This procedure involves placing a permanently marked steel fence post to establish the position of the photographer.

3. For restoration, fuel reduction, and BMP projects, photograph the photo-points and carry copies of those photographs on subsequent field visits.

Determining the Compass Bearing:

1. Select and record the permanent magnetic bearing of the photo center view. You can also record the true compass bearing (corrected for declination) but do not substitute this for the magnetic bearing. Include a prominent landmark in a set position within the view. If possible, have an assistant stand at a fixed distance from both the photographer and the center of the view, holding a stadia rod if available, within the view of the camera; preferably position the stadia rod on one established, consistent side of the view for each photo (right or left side).
2. Alternatively, use the procedure described in *Monitoring California's Annual Rangeland Vegetation* (UC/DANR Leaflet 21486, Dec. 1990). This procedure involves placing a permanently marked steel fence post to establish the position of the focal point (photo center).
3. When performing ambient or event photo monitoring, and when a compass is not available, then refer to a map and record the approximate bearing as north, south, east or west.

Suggestions for Photo Points by Type of Project:

Ambient or Event Monitoring, Including Photography Associated with Narrative Visual Assessments:

1. When first beginning an ambient monitoring program take representative long and/or medium view photos of stream reaches and segments of shoreline being monitored. Show the positions of these photos on a map, preferably on the stream/shore walk form. Subjects to be photographed include a representative view of the stream or shore condition at the beginning and ending positions of the segment being monitored, storm drain outfalls, confluence of tributaries, structures (e.g., bridges, dams, pipelines, etc.).

2. If possible, take a close view photograph of the substrate (streambed), algae, or submerged aquatic vegetation.

3. Time series: Photographs of these subjects at the same photo points should be repeated annually during the same season or month if possible.

4. Event monitoring refers to any unusual or sporadic conditions encountered during a stream or shore walk, such as trash dumps, turbidity events, oil spills, etc. Photograph and record information on your photo-log and on your Stream and Shore Walk Visual Assessment form. Report pollution events to the Regional Board. Report trash dumps to local authorities.

All Restoration and Fuel Reduction Projects – Time Series:

Take photos immediately before and after construction, planting, or vegetation removal. Long term monitoring should allow for at least annual photography for a minimum of three years after the project, and thereafter at 5 years and ten years.

Meadow Restoration:

1. Aerial view (satellite or airplane photography) if available.

2. In the absence of an aerial view, a landscape, long view showing an overlapping sequence of photos illustrating a long reach of stream and meadow (satellite photos, or hill close by, fly-over, etc.)

3. Long view up or down the longitudinal dimension of the creek showing riparian vegetation growth bounded on each side by grasses, sedges, or whatever that is lower in height

4. Long view of conversion of sage and other upland species back to meadow vegetation

5. Long view and medium view of streambed changes (straightened back to meandering, sediment back to gravel, etc.)

6. Medium and close views of structures, plantings, etc. intended to induce these changes

Stream Restoration/stabilization:

1. Aerial view (satellite or airplane photography) if available.

2. In the absence of an aerial view, a landscape, long-view showing all or representative sections of the project (bluff, bridge, etc.)

3. Long view up or down the stream (from stream level) showing changes in the stream bank, vegetation, etc.

4. Long view and medium view of streambed changes (thalweg, gravel, meanders, etc.)

5. Medium and close views of structures, plantings, etc. intended to induce these changes.

6. Optional: Use a tape set perpendicular across the stream channel at fixed points and include this tape in your photos described in 3 and 4 above. For specific procedures refer to Harrelson, Cheryl C., C.L. Rawlins, and John P. Potyondy, *Stream Channel Reference Sites: An Illustrated Guide to Field Techniques*, United States Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, General Technical Report RM-245.

Vegetation Management for Fire Prevention ("fuel reduction"):

1. Aerial view (satellite or airplane photography) if available.

2. In the absence of an aerial view, a landscape, long view showing all or representative sections of the project (bluff, bridge, etc.)

3. Long view (wide angle if possible) showing the project area or areas. Preferably these long views should be from an elevated vantage point.

4. Medium view photos showing examples of vegetation changes, and plantings if included in the project. It is recommended that a person (preferably holding a stadia rod) be included in the view for scale

5. To the extent possible include medium and long view photos that include adjacent stream channels.

Stream Sediment Load or Erosion Monitoring:

1. Long views from bridge or other elevated position.

2. Medium views of bars and banks, with a person (preferably holding a stadia rod) in view for scale.

3. Close views of streambed with ruler or other common object in the view for scale.

4. Time series: Photograph during the dry season (low flow) once per year or after a significant flood event when streambed is visible. The flood events may be episodic in the south and seasonal in the north.

5. Optional: Use a tape set perpendicular across the stream channel at fixed points and include this tape in your photos described in 1 and 2 above. For specific procedures refer to Harrelson, Cheryl C., C.L. Rawlins, and John P. Potyondy, *Stream Channel Reference Sites: An Illustrated Guide to Field Techniques*, United States Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, General Technical Report RM-245.

PHOTO- LOG FORM

Project:
Location:
Date:
Photographer:
Team members:

Photo #	Time	Photo Point ID	Photo Pt. Description & Location	Bearing to Subject	Subject Description

General Notes or Comments (weather, cloud cover, time of sunrise and sunset, other pertinent information):

PHOTO SIGN FORM: Print this form on yellow paper. Complete the following information for each photograph. Include in the photographic view so that it will be legible in the finished photo.

Location:

Subject Description:

Date:

Time:

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

AG Kading
Murrieta Education Center LLC
35411 Paseo Vierto
Capistrano Beach CA 92624

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number
(Transfer from service label) 7008 1140 0002 4060 6852

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL

7008 1140 0002 4060 6852

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To AG Kading, Murrieta Education Center LLC
Street, Apt. No.; or PO Box No. 35411 Paseo Vierto
City, State, ZIP+4 Capistrano Beach CA 92624

PS Form 3800, August 2006 See Reverse for Instructions

Stormwater Pollution Prevention Plan

Murrieta Education Center

Monroe Avenue
Murrieta, CA 92562
WDID# 9 33C356078

RISK LEVEL 1

Owner

AGK Group, LLC
34511 Paseo Viento
Capistrano Beach, CA 92624
Tel: (949)661-7292

Developer/General Contractor

Design-Build Services Group
26895 Aliso Creek Road, Suite D686
Aliso Viejo, CA 92656
Tel: (949)683-1610
Jeff Dickerson

SWPPP Preparation Date:

25 June 2010

Estimated Construction Dates:

Construction Start Date: Aug 2, 2010 Construction Completion Date: Aug 1, 2011

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APPENDIX C	SWPPP AMENDMENT LOG
APPENDIX D	NAL/NEL EXCEEDANCE SITE EVALUATIONS
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1.0 SWPPP REQUIREMENTS

1.1 INTRODUCTION

This SWPPP is written for a project that had existing NPDES permit coverage under STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. 99 - 08 – DWQ. In accordance to Section II, D paragraph 5 of the Order No. 2009-009-DWQ, NPDES No. CAS000002, this project is **granted** an exception from risk determination and is subject to **Risk Level 1** requirements.

The discharger shall ensure that the SWPPPs for all **traditional project** sites are developed and amended or revised by a **QSD**. The SWPPP shall be designed to address the following objectives:

1. All pollutants and their sources, including sources of sediment associated with construction, construction site erosion and all other activities associated with construction activity are controlled.

2. Where not otherwise required to be under a Regional Water Board permit, all non-storm water discharges are identified and either eliminated, controlled, or treated.

3. Site BMPs are effective and result in the reduction or elimination of pollutants in storm water discharges and authorized non-storm water discharges from construction activity to the BAT/BCT standard.

4. Calculations and design details as well as BMP controls for site run-on are complete and correct.

5. Stabilization BMPs installed to reduce or eliminate pollutants after construction are completed.

6. Identify post-construction BMPs which are those measures to be installed during construction that are intended to reduce or eliminate pollutants after construction is completed (post-construction BMPs are required for all sites by Section XIII.B) Note that post-construction BMPs should be developed early in the project planning/design process and reports or drawings related to permanent BMP design should be referenced as needed.

7. Identify and provide methods to implement BMP inspection, visual monitoring, and Construction Site Monitoring Program (CSMP) requirements to comply with the General Permit.

1.2 Certifications by Qualified SWPPP Developer

This SWPPP was developed by a Qualified SWPPP Developer (QSD):

Excel Engineering

Robert Dentino, PE

440 State Place

Escondido, CA 92029

760-754-8118

California Registered Professional Engineer 45629

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date: 6/25/2010

QSD Signature:

Print QSD Name: Robert D. Dentino

QSD Title: Registered Engineer of Work

1.2.1 Owner Certification

SWPPP Certification by a Legally Responsible Person (LRP)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date: 6/25/2010

Contact Signature:

Owner Name: A. G. KADING

Owner Title: MANAGING MEMBER

1.2.2 NOI and State Authorization

Intentionally left blank for insertion of documents

Include copies of the filed PRDs in the SWPPP Appendix B. The following PRDs are required for all projects:

1. Notice of Intent (NOI)
2. Risk Assessment (Construction Site Sediment and Receiving Water Risk Determination)
3. Site Map
4. Annual Fee
5. Signed Certification Statement

This SWPPP is also required to be filed electronically and has been submitted to the SWRCB as a PRD.

NOTE: Additional PRDs may be required depending on the construction type and location, including:

- Post-construction water balance calculation
- Active Treatment System (ATS) plan
- Discharges proposing an alternate (site specific) risk justification must submit a soil particle size analysis in accordance with General Permit requirements.

1.3 SWPPP Availability and Implementation

The General Permit (Section XIV.C) requires the SWPPP be available at the construction site during working hours while construction is occurring and shall be made available upon request by a State or Municipal inspector. When the original SWPPP is retained by a crewmember in a construction vehicle and is not currently at the construction site, current copies of the BMPs and map/drawings will be left with the field crew and the original SWPPP shall be made available via a request by radio/telephone. **The SWPPP shall be implemented concurrently with the start of ground disturbing activities.**

1.4 SWPPP Amendments

The General Permit requires that SWPPP be amended or revised by a QSD (Section XIV.A) and that the SWPPP include a listing of the date of initial preparation and the date of each amendment. Amendments must be signed by a QSD (Section VII.B.6). All amendments shall be dated, directly attached to the SWPPP, and logged in SWPPP Appendix C).

The SWPPP must be revised or modified:

- To reflect modifications to stormwater control measures made in response to a change in design, construction, operation, or maintenance at the construction site that has our could have a significant effect on the discharge of pollutants to the waters of the United States that has not been previously addressed in the SWPPP.
- If during inspections or investigations by site staff, or by local, state, tribal or federal officials, it is determined that the existing stormwater controls are ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the construction site.
- Based on the results of an inspection, as necessary to properly document additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP must be completed in a timely manner.

1.5 Retention of Records

The General Permit (Sections I.J.69 and IV.G) requires that all dischargers maintain a paper or electronic copy of all required records for three years form the date generated or date submitted, whichever is last. These records must be available at the construction site until construction is completed. The discharger shall furnish the RWQCB, SWRCB, or US Environmental Protection Agency (EPA), within a reasonable time, any requested information to determine compliance with this General Permit. All records shall be maintained in the on-site SWPPP.

1.6 Required Non-Compliance Reporting

The General Permit identifies several areas of non-compliance reporting. It is the responsibility of the permitee to properly document reportable discharges or other violations of the General Permit. Exceedances and violations will be reported using the SMARTS system and include the following:

- Self-reporting of any discharge violations or to comply with RWQCB enforcement actions.
- Discharges which contain a hazardous substance in excess of reportable quantities established in 40 CFR §§ 117.3 and 302.4 unless a separate NPDES Permit has been issued to regulate those discharges.

1.7 Annual Report

The Qualified SWPPP Practitioner shall prepare, certify, and electronically submit an Annual Report no later than September 1 of each year. Reporting requirements are identified in Section XVI of the General Permit and include providing a summary of:

1. A summary and evaluation of all sampling and analysis results, including copies of laboratory reports.

2. The analytical method(s), method report unit(s), and method detection limit(s) of each analytical parameter (analytical results that are less than the method detection limit shall be reported as "less than the method detection limit").

3. A summary of all corrective actions taken during the compliance year.

4. Identification of any compliance activities or corrective actions that were not implemented.

5. A summary of all violations of the General Permit.

6. The names of individual(s) who performed the facility inspections, sampling, visual observation (inspections), and/or measurements.

7. The date, place, time of facility inspections, sampling, visual observation (inspections, and/or measurements, including precipitation (rain gauge).

8. Documentation of all training for individuals responsible for all activities associated with compliance with this General Permit.

9. Documentation of all training for individuals responsible for BMP installation, inspection, maintenance, and repair.

10. Documentation of all training for individuals responsible for overseeing, revising, and amending the SWPPP.

1.8 Changes to Permit Coverage

The General Permit (Section II.C) allows a permitee to reduce or increase the total acreage covered under the General Permit when a portion of the project is complete and/or conditions for termination of coverage have been met; when ownership of a portion of the project is sold to a different entity; or when new acreage is added to the project.

To change the acreage covered, the Qualified SWPPP Developer will electronically file modifications to the PRDs (revised NOI, site map, SWPPP revisions as appropriate, and certification that new landowners have been notified of applicable requirements to obtain permit coverage (including name, address, phone number, and e-mail address of new landowner) in accordance with requirements of the General Permit within 30 days of a reduction or increase in total disturbed area. The Qualified SWPPP Developer will submit any updates to PRDs via SMARTS in SWPPP Appendix E. Any related SWPPP revisions/amendments (Section II.C.2) shall be documented in SWPPP Appendix C.

1.9 Notice of Termination

To terminate coverage under the General Permit, the Qualified SWPPP Developer will submit a **Notice of Termination** (NOT) electronically via SMARTS. A "final site map" and photos are required to be submitted with the NOT. Filing a NOT certifies that all General Permit requirements have been met. The NOT is submitted when the construction project is complete and within 90 days

of meeting all General Permit requirements for termination and final stabilization (Section II.D) including:

- The site will not pose any additional sediment discharge risk than it did prior to construction activity.
- All construction related equipment, materials and any temporary BMPs no longer needed are removed from the site.
- Post-construction stormwater management measures are installed and a long-term maintenance plan that is designed for a minimum of five years has been developed.

The NOT must demonstrate through photos OR **Revised Universal Soil Loss Equation** (RUSLE) results, OR results of testing and analysis that the project meets all of the requirements of Section II.D.1 of the General Permit by one of the following methods:

- 70% final cover method (no computational proof required)
- RUSLE/RUSLE2 method (computational proof required)
- Custom method (discharger demonstrates that site complies with final stabilization)

SECTION 2.0: PROJECT/SITE INFORMATION

2.1 Project/Site Information

The project is known as the Murrieta Education Center. The project is located in the city of Murrieta, State of California in the County of Riverside. The project is a land development project that includes the construction of a twin five-story building for the Murrieta Education Center, a separate 17,000-square-foot building for retail tenants providing food and other services to main building tenants, and the associated parking lot facilities, offsite improvements and infrastructure construction need to support this project. The project site is adjacent to the 215 transition road to the 15 freeway, located at the Northeast portion of the intersection of Fig Street and Monroe Avenue to the Southeast corner of the intersection of future Jordan Lane and Monroe Avenue. The total on-site project area is 12.49 acres. This project is proposing an on-site runoff detention basin. The treated runoff from this project drains to an existing municipal storm drain system.

Post development street flow:
The street runoff flows in two directions; the street flow to the South is filtered by an inlet filter (ClearWater BMP by ClearWater Solution Inc.) and the runoff flow on the cul-de-sac area is treated by sand filter underneath the riprap, the street flow to the North flows into downdrains then onto ripraps; this amount of storm water is treated in a sand filter which is layered with filter fabric underneath the riprap rocks.

Project/Site Name: Murrieta Education Center		
Project Street/Location: Monroe Avenue		
City: Murrieta	State: CA	ZIP Code: 92562
County: Riverside		
WDID tracking number: 9 33C356078		

Are storm water discharges from the Site subject to MS4 requirements? ☐Yes ☒No

If so, are MS4 requirements addressed in this SWPPP ☐Yes ☐No

Description:

N/A

Previous Land Use: Vacant undeveloped land

Are there any known contaminates on site from previous land uses or operations? ☐Yes ☒No

Description: N/A

This site is within a municipal jurisdiction that has Standard Urban Water Management Plan Program SUSMP or Water Quality Management Plan Program (WQMP) or local equivalent. ☒Yes ☐No

If answering "NO" then Post Construction Run Off requirements are located in Appendix

Does this project discharge to a water body listed as impaired due to Sedimentation/Siltation or Turbidity pursuant to Clean Water Act, Section 303(d)? ☐Yes ☒No

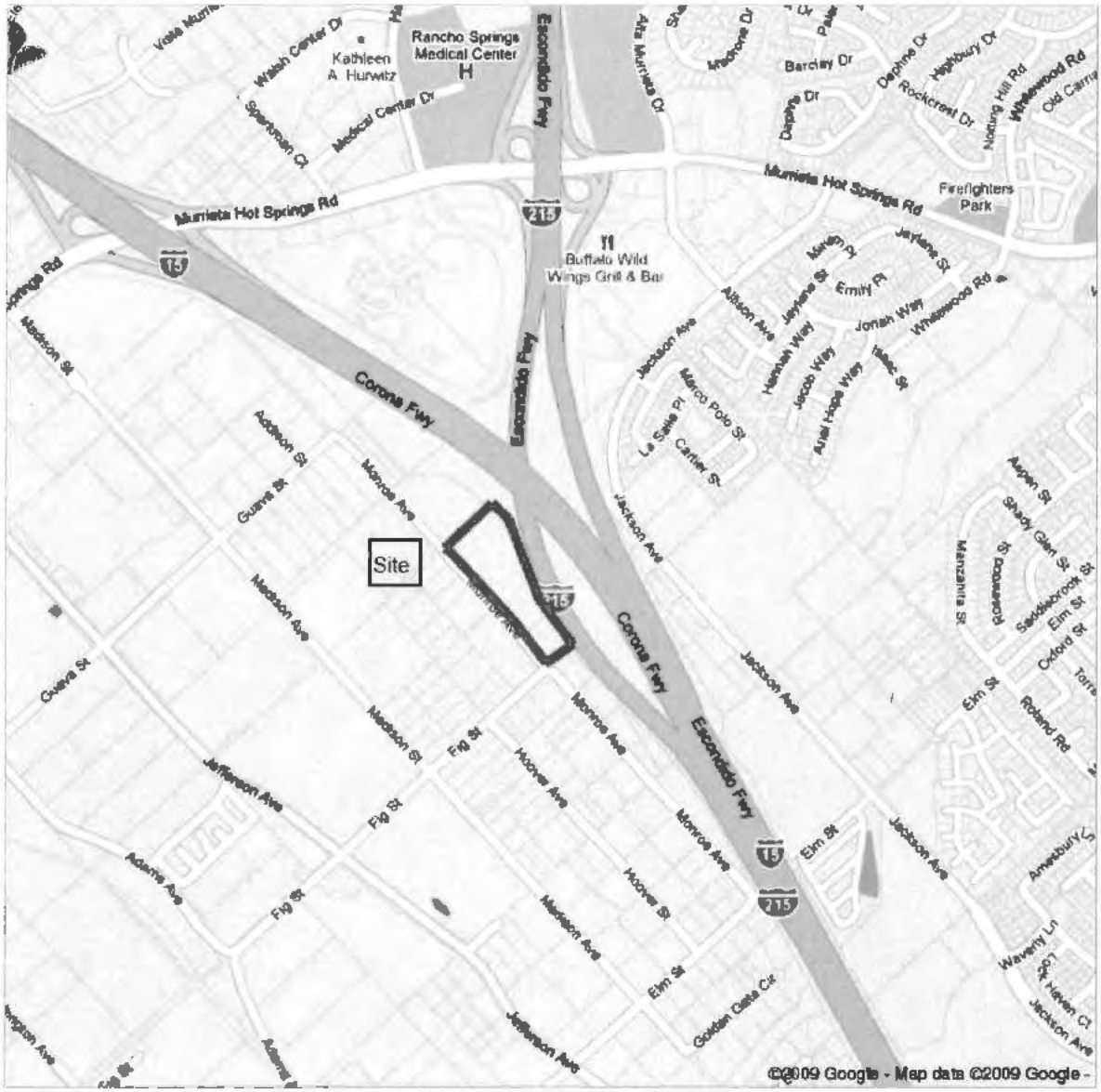
Does the site drain into a water body with a TMDL? ☐Yes ☒No

Does the disturbed area discharge to a water body with designated beneficial uses of SPAWN & COLD & MIGRATORY? ☐Yes ☒No

DESCRIBE SENSITIVE WATERS HERE:

2.1.1 Vicinity Map

Figure 1 Vicinity Map



California Regional Water Quality Control Board

San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties

Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA

Linda S. Adams
Acting Secretary for Environmental Protection

Edmund G Brown Jr.
Governor

9174 Sky Park Court, Suite 100, San Diego, California 92123-4353
(858) 467-2952 • Fax (858) 571-6972
http:// www.waterboards.ca.gov/sandiego

April 11, 2011

In reply refer to:
742396: cloflen

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

Dear Mr. Kading:

SUBJECT: STATUS OF IMPLEMENTATION OF REQUIREMENTS UNDER SECTION 401 WATER QUALITY CERTIFICATION NO. 09C-057, MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLAN

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), has reviewed the status of Section 401 Water Quality Certification No. **09C-057** (Certification, see attached) issued on March 10, 2010, and hereby requests a status update on the implementation of required conditions under the Certification as follows:

Condition A.10: Mr. A.G. Kading, Murrieta Education Center, LLC and successor owners must submit annual progress reports describing status of compliance with all requirements of this Certification to the San Diego Water Board prior to **August 1** of each year following the issuance of this Certification until the project has reached completion.

Condition B.3: Mr. A.G. Kading, Murrieta Education Center, LLC must notify the San Diego Water Board in writing at least 5 days prior to the actual commencement of dredge, fill, and discharge activities.

Condition D.1.c: Mitigation for permanent discharges to 0.09 acres (680 linear feet) and temporary discharges to 0.002 acres (75 linear feet) of non-wetland waters of the United States must occur as follows and as described in the Habitat Mitigation and Monitoring Plan Murrieta Education Center, dated February 16, 2010:

c. Through the purchase of 0.5 acres of enhancement, restoration or establishment credit through the local Resource Conservation District or equivalent entity acceptable to the San Diego Water Board. Proof of purchase must be provided to the San Diego Water Board **within 12 months of Certification issuance**.

As of April 8, 2011, the San Diego Water Board has not received the required 2010 annual report for the project, nor has the San Diego Water Board received documentation of the proof of purchase of 0.5 acres of mitigation credit in accordance with requirement D.1.c of the Certification. This proof of purchase was required on March 10, 2011. Please provide the required annual report and a proof of purchase to the San Diego Water Board.

In the subject line of any response, please include the requested "**In reply refer to:**" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Chad Loflen directly at (858) 467-2727 or by email cloflen@waterboards.ca.gov.

Respectfully,

CHIARA CLEMENTE
Senior Environmental Scientist

cc (electronic copy)

Lisa M. Tollstrup, Tom Dodson & Associates
lisa@tdaenv.com

Tech Staff Info & Use	
File No.	09C-057
WDID	9000001951
Reg. Measure ID	369504
Place ID	742396
Party ID	516003
Person ID	53988

February 24, 2016

Certified Mail – Return Receipt Requested
Article Number: 7011 0470 0002 8961 9276

A.G. Kading
Murrieta Education Center, LLC
35411 Paseo Viento
Capistrano Beach, CA 92624

In reply refer to:
09C-057:742396:ngergans

Subject: Notice of Violation R9-2016-0065 and Revocation of Water Quality Certification No. 09C-057, Murrieta Higher Education Facility Development Plan Project, Murrieta, Riverside County

Mr. Kading:

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) issued Water Quality Certification No. 09C-57 (Certification) for the Murrieta Higher Education Facility Development Plan Project in Murrieta, CA to you on March 10, 2010. The Project described in the Certification includes construction of a culvert at one road crossing, conversion of drainage into an underground culvert, and partial placement of drainage in an underground pipe. The Certification authorizes permanent impacts to 0.09 acre (680 linear feet) and temporary impacts of 0.02 acre (75 linear feet) of un-vegetated waters and requires that these impacts be offset with compensatory mitigation by the on-site creation/establishment of 0.126 acre (262 linear feet) of vegetated waters of the United States and/or State, on-site enhancement of 0.107 acre of un-vegetated waters of the United States and/or State, and the purchase of 0.5 acres of enhancement, restoration or establishment credit through a local resource conservation district. A copy of the Certification is enclosed.

Pursuant to Standard Condition 1 of the Certification, the San Diego Water Board is revoking the Certification based on the following considerations:

1. San Diego Water Board's records indicate that you did not commence construction of the Project. The Certification required in section A.10 that an annual report be submitted every August 1st regardless of the progress in constructing the Project. San Diego Water Board records indicate that no annual reports were submitted as required by the Certification over the past five years since the Certification was issued;

2. Condition D.1.c. of the Certification required that the proof of purchase of the 0.5 acres of enhancement, restoration, or establishment credit be provided to the San Diego Water Board within 12 months of issuance of the Certification (by March 10, 2011). San Diego Water Board records indicate that the proof of

purchase was never submitted; and

3. The United States Army Corps of Engineers (USACOE) Section 404 Permit issued for this Project expired in 2012.

The Certification is hereby revoked except for enforcement purposes. If you wish to pursue the Project in the future, you must submit a new application for a water quality certification, including the appropriate fee required pursuant to California Code of Regulations (CCR), title 23, sections 3830-3869.

Your past failure to comply with the requirements in section A.10 and Condition D.1.c of the Certification constitute violations of the Certification. The San Diego Water Board reserves the right to take any enforcement action authorized by law on the violations of the Certification, including but not limited to the assessment of administrative civil liability in amounts of up to $10,000 per day per violation.

Any person aggrieved by an action of the San Diego Water Board that is subject to review as set forth in Water Code section 13320, subdivision (a), may petition the State Water Resources Control Board (State Water Board) to review the action. Any petition must be made in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 and following. The State Water Board must receive the petition within thirty (30) days of the date the action was taken, except that if the thirtieth day following the date the action was taken falls on a Saturday, Sunday, or state holiday, then the State Water Board must receive the petition by 5:00 p.m. on the next business day. Copies of the law and regulation applicable to filing petitions may be found on the internet at http://www.waterboards.ca.gov/public_notices/petitions/water_quality/index.shtml or will be provided upon request.

If you have any questions or comments, please contact Nicole Gergans by phone at 619-521-3969 or by email at nicole.gergans@waterboards.ca.gov

Respectfully,

David Gibson
Executive Officer
San Diego Regional Water Quality Control Board

cc: Stephan Estes, USACOE, Stephen.M.Estes@usace.army.mil
Anna Milloy, CDFW, amilloy@wildlife.ca.gov

Enclosure:
Water Quality Certification No. 09C-057 for the Murrieta Higher Education Facility Development Plan Project in Murrieta, CA

Tech Staff Info & Use	
File No.	R9-2016-0065
WDID	9000001951
Reg. Measure ID	4044739
Place ID	742396
Person ID	554669
Party ID	554668

APPENDIX E

The EDR Radius Map™ Report

APNs 910-020-009 and -014
Monroe Avenue/Fig Street
Murrieta, CA 92562

Inquiry Number: 5689856.2s
June 20, 2019

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

MONROE AVENUE/FIG STREET
MURRIETA, CA 92562

COORDINATES

Latitude (North):	33.5464110 - 33˚ 32' 47.07''
Longitude (West):	117.1818170 - 117˚ 10' 54.54''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	483120.5
UTM Y (Meters):	3711686.5
Elevation:	1126 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641304 MURRIETA, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603, 20140530
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
MONROE AVENUE/FIG STREET
MURRIETA, CA 92562

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MURRIETA HIGHER EDUC	NORTHEAST CORNER OF	ENF, CIWQS, CERS	Lower	1 ft.
A2	MURRIETA HIGHER EDUC	NORTHEAST CORNER OF	FINDS	Lower	1 ft.
3	REGIONAL LEARNING CE	41350 GUAVA STREET	ENVIROSTOR, SCH, CERS	Lower	2163, 0.410, West
B4	VISTA MURRIETA HIGH	WHITEWOOD ROAD/CLINT	ENVIROSTOR, SCH, CERS	Lower	4204, 0.796, South
B5	ELEMENTARY SCHOOL SI	GREER ROAD/CLINTON K	ENVIROSTOR, SCH	Lower	4204, 0.796, South
B6	ELEMENTARY SCHOOL NO	EARLY LANE/WINCHESTE	ENVIROSTOR, SCH	Lower	4204, 0.796, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

EXECUTIVE SUMMARY

HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
CERS HAZ WASTE	CERS HAZ WASTE
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST	SWEEPS UST Listing
HIST UST	Hazardous Substance Storage Container Database
CA FID UST	Facility Inventory Database
CERS TANKS	California Environmental Reporting System (CERS) Tanks

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

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

EXECUTIVE SUMMARY

DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
WIP	Well Investigation Program Case List
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/28/2019 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
REGIONAL LEARNING CE	***41350 GUAVA STREET***	***W 1/4 - 1/2 (0.410 mi.)***	***3***	***11***
VISTA MURRIETA HIGH	***WHITEWOOD ROAD/CLINT***	***S 1/2 - 1 (0.796 mi.)***	***B4***	***14***
ELEMENTARY SCHOOL SI	***GREER ROAD/CLINTON K***	***S 1/2 - 1 (0.796 mi.)***	***B5***	***16***
ELEMENTARY SCHOOL NO	***EARLY LANE/WINCHESTE***	***S 1/2 - 1 (0.796 mi.)***	***B6***	***19***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal

Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/15/2019 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MURRIETA HIGHER EDUC Registry ID:: 110066561223	NORTHEAST CORNER OF	0 - 1/8 (0.000 mi.)	A2	10

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

A review of the ENF list, as provided by EDR, and dated 11/01/2018 has revealed that there is 1 ENF site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MURRIETA HIGHER EDUC Status: Active Status: Historical Facility Id: 742396	***NORTHEAST CORNER OF***	***0 - 1/8 (0.000 mi.)***	***A1***	***8***

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

A review of the CIWQS list, as provided by EDR, and dated 03/05/2019 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MURRIETA HIGHER EDUC	***NORTHEAST CORNER OF***	***0 - 1/8 (0.000 mi.)***	***A1***	***8***

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

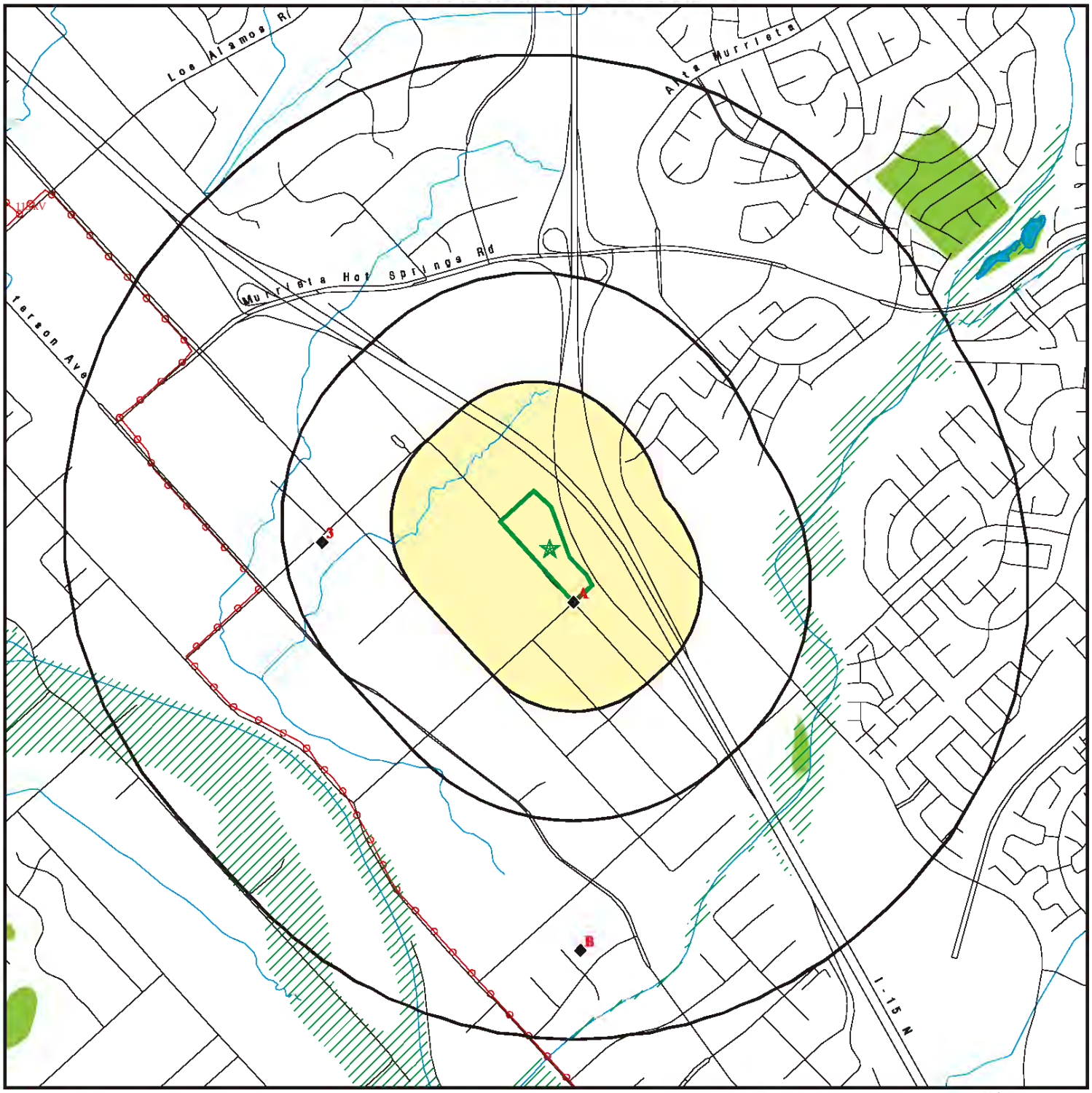
A review of the CERS list, as provided by EDR, and dated 04/09/2019 has revealed that there is 1 CERS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MURRIETA HIGHER EDUC	***NORTHEAST CORNER OF***	***0 - 1/8 (0.000 mi.)***	***A1***	***8***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5689856.2S



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

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: APNs 910-020-009 and -014 ADDRESS: Monroe Avenue/Fig Street Murrieta CA 92562 LAT/LONG: 33.546411 / 117.181817	CLIENT: LOR Geotechnical Group, Inc. CONTACT: Kevin Osmun INQUIRY #: 5689856.2s DATE: June 20, 2019 12:07 pm

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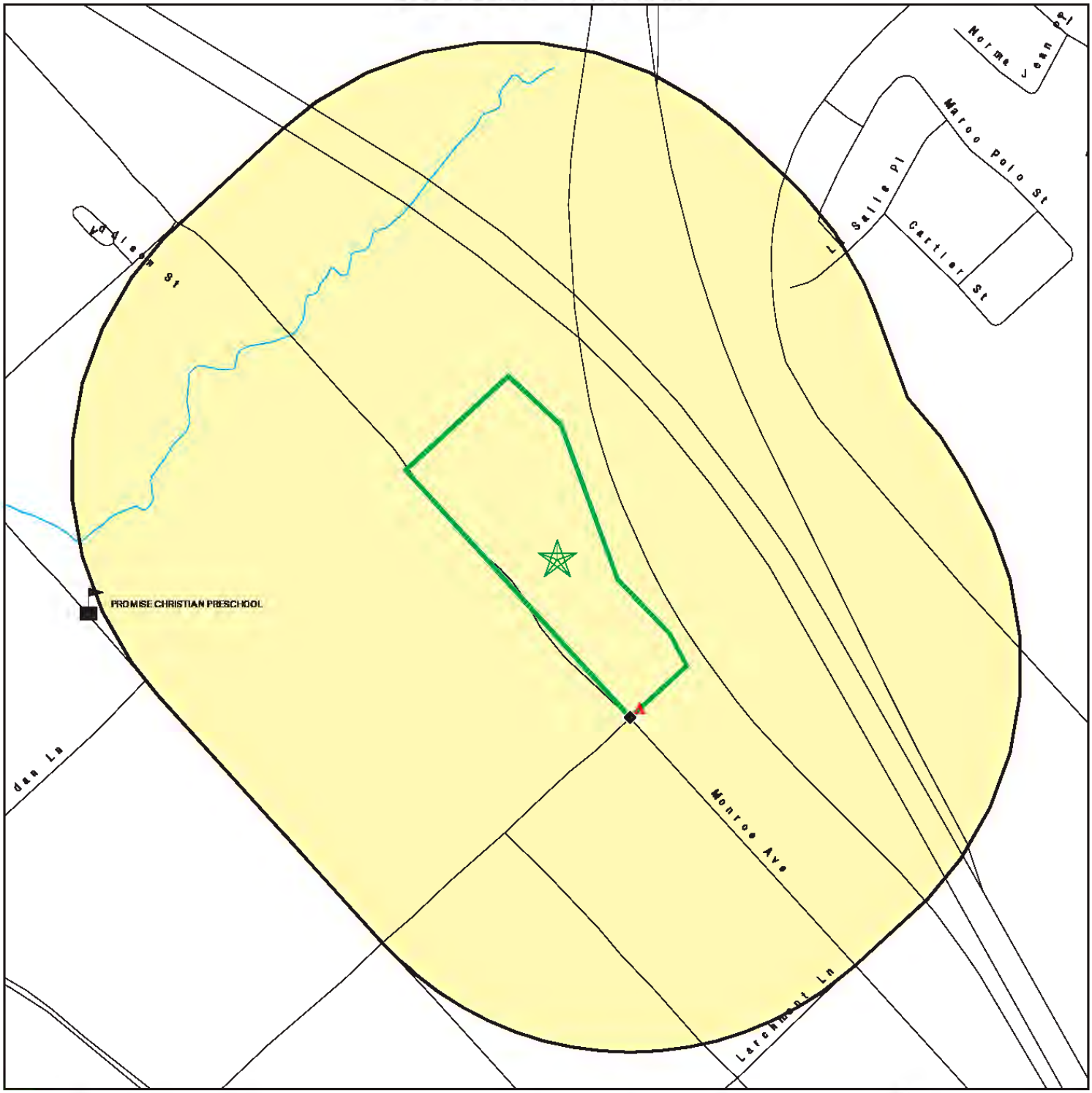
DETAIL MAP - 5689856.2S



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

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

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: APNs 910-020-009 and -014 ADDRESS: Monroe Avenue/Fig Street Murrieta CA 92562 LAT/LONG: 33.546411 / 117.181817	CLIENT: LOR Geotechnical Group, Inc. CONTACT: Kevin Osmun INQUIRY #: 5689856.2s DATE: June 20, 2019 12:08 pm

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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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
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
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	3	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.001		0	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
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		1	NR	NR	NR	NR	1
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		1	NR	NR	NR	NR	1
CERS	0.001		1	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	4	0	1	3	0	8

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLA** **ENF** **S118647316**
NORTHEAST CORNER OF MONROE AVE AND FIG ST **CIWQS** **N/A**
< 1/8 **MURRIETA, CA** **CERS**
1 ft.

Site 1 of 2 in cluster A

Relative:
Lower

Actual:
1098 ft.

ENF:

Region:	9
Facility Id:	742396
Agency Name:	Murrieta Education Center LLC
Place Type:	All Other
Place Subtype:	Dredge/Fill Site
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.063033
Place Longitude:	117.181767
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	CERFILLEXC
Program Category1:	CER
Program Category2:	CER
# Of Programs:	1
WDID:	9 000001951
Reg Measure Id:	369504
Reg Measure Type:	401 Certification
Region:	9
Order #:	09C-057
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	5022
Status:	Historical
Status Date:	02/25/2016
Effective Date:	03/10/2010
Expiration/Review Date:	02/17/2020

MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLAN (Continued) **S118647316**

Termination Date:	02/24/2016
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	19 - Non Billable by Administrative Determination
Direction/Voice:	Passive
Enforcement Id(EID):	404739
Region:	9
Order / Resolution Number:	R9-2016-0065
Enforcement Action Type:	Notice of Violation
Effective Date:	02/24/2016
Adoption/Issuance Date:	02/24/2016
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 401 Cert Violations re 09C-057 for Murrieta Education Center LLC
Description:	Revocation of of 401 Cert pursuant to Standard Condition 1. Based on following violations of 401 Cert: 1) Section A.10 - Failure to submit annual reports on August 1st in years succeeding certification; 2) Section D.1.c - failure to provide proof of purchase of enhancement, restoration or establishment credit within 12 months of cert; and 3) USACOE Section 404 Permit expired in 2012.
Program:	CERFILLEXC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CIWQS:

Agency:	Murrieta Education Center LLC
Agency Address:	35411 Paseo Viento, Capistrano Beach, CA 92624
Place/Project Type:	Dredge/Fill Site
SIC/NAICS:	Not reported
Region:	9
Program:	CERFILLEXC
Regulatory Measure Status:	Historical
Regulatory Measure Type:	401 Certification
Order Number:	09C-057
WDID:	9 000001951
NPDES Number:	Not reported
Adoption Date:	03/10/2010
Effective Date:	03/10/2010
Termination Date:	02/24/2016
Expiration/Review Date:	02/17/2020

MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLAN (Continued) **S118647316**

Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	0
Latitude:	33.063033
Longitude:	Error

CERS TANKS:

Site ID:	266945
CERS ID:	742396
Site Name:	MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLAN
CERS Description:	Wetlands - Fill and Dredge Material

Enforcement Action:

Site ID:	266945
Site Name:	Murrieta Higher Education Facility Development Plan
Site Address:	NORTHEAST CORNER OF MONROE AVE AND FIG ST
Site City:	MURRIETA
Site Zip:	Not reported
Enf Action Date:	02-24-2016
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC
Enf Action Source:	CIWQS

A2 **MURRIETA HIGHER EDUCATION FACILITY DEVELOPMENT PLA** **FINDS** **1023359092**
NORTHEAST CORNER OF MONROE AVE AND FIG ST **N/A**
< 1/8 **MURRIETA, CA 92562**
1 ft.

Site 2 of 2 in cluster A

Relative:
Lower

Actual:
1098 ft.

FINDS:

Registry ID: 110066561223

Environmental Interest/Information System
STATE MASTER

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

3 West 1/4-1/2 0.410 mi. 2163 ft. | **REGIONAL LEARNING CENTER - MURRIETA**
41350 GUAVA STREET
MURRIETA, CA 92562 | **ENVIROSTOR SCH CERS** | **S118756740 N/A**

Relative: Lower

Actual: 1089 ft.

ENVIROSTOR:

Name:	REGIONAL LEARNING CENTER - MURRIETA
Address:	41350 GUAVA STREET
City,State,Zip:	MURRIETA, CA 92562
Facility ID:	33650017
Status:	No Action Required
Status Date:	12/08/2003
Site Code:	404498
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	10.76
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	67
Senate:	28
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.54623
Longitude:	-117.1898
APN:	910140040
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	REGIONAL LEARNING CENTER - MURRIETA
Alias Type:	Alternate Name
Alias Name:	RIVERSIDE CO. OFFICE OF EDUCATION
Alias Type:	Alternate Name
Alias Name:	RIVERSIDE COE-REGIONAL LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	910140040
Alias Type:	APN
Alias Name:	404498
Alias Type:	Project Code (Site Code)
Alias Name:	33650017
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/08/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	12/08/2003

REGIONAL LEARNING CENTER - MURRIETA (Continued) **S118756740**

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	09/10/2004
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	33650017
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10.76
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404498
Assembly:	67
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	12/08/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.54623
Longitude:	-117.1898
APN:	910140040
Past Use:	NONE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	REGIONAL LEARNING CENTER - MURRIETA
Alias Type:	Alternate Name
Alias Name:	RIVERSIDE CO. OFFICE OF EDUCATION
Alias Type:	Alternate Name
Alias Name:	RIVERSIDE COE-REGIONAL LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	910140040
Alias Type:	APN
Alias Name:	404498
Alias Type:	Project Code (Site Code)

REGIONAL LEARNING CENTER - MURRIETA (Continued) **S118756740**

Alias Name: 33650017
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/10/2004
Comments: Not reported

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

CERS TANKS:
Site ID: 371578
CERS ID: 33650017
Site Name: REGIONAL LEARNING CE
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: SHAHIR HADDAD
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Lead Project Manager
Entity Name: ANGELA GARCIA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: COMMERCE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

B4 South 1/2-1 0.796 mi. 4204 ft. | **VISTA MURRIETA HIGH**
WHITEWOOD ROAD/CLINTON KEITH ROAD
MURRIETA, CA 92562 | **ENVIROSTOR SCH CERS** | **S118756714 N/A**

Site 1 of 3 in cluster B

Relative: Lower

Actual: 1039 ft.

ENVIROSTOR:

Name:	VISTA MURRIETA HIGH
Address:	WHITEWOOD ROAD/CLINTON KEITH ROAD
City,State,Zip:	MURRIETA, CA 92562
Facility ID:	33010063
Status:	No Action Required
Status Date:	08/11/2000
Site Code:	404054
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	82
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	67
Senate:	28
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.53312
Longitude:	-117.1806
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MURRIETA VALLEY USD-VISTA MURRIET HS/CDE
Alias Type:	Alternate Name
Alias Name:	VISTA MURRIETA HIGH
Alias Type:	Alternate Name
Alias Name:	404054
Alias Type:	Project Code (Site Code)
Alias Name:	33010063
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	08/08/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/11/2000
Comments:	Not reported

VISTA MURRIETA HIGH (Continued) **S118756714**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/27/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	33010063
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	82
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404054
Assembly:	67
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	08/11/2000
Restricted Use:	NO
Funding:	School District
Latitude:	33.53312
Longitude:	-117.1806
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MURRIETA VALLEY USD-VISTA MURRIET HS/CDE
Alias Type:	Alternate Name
Alias Name:	VISTA MURRIETA HIGH
Alias Type:	Alternate Name
Alias Name:	404054
Alias Type:	Project Code (Site Code)
Alias Name:	33010063
Alias Type:	Envirostor ID Number

Completed Info:

VISTA MURRIETA HIGH (Continued) **S118756714**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/08/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/27/2000
Comments: Not reported

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

CERS TANKS:
Site ID: 371808
CERS ID: 33010063
Site Name: VISTA MURRIETA HIGH
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: MARK MALINOWSKI
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

B5
South
1/2-1
0.796 mi.
4204 ft.

ELEMENTARY SCHOOL SITE NO. 10
GREER ROAD/CLINTON KEITH ROAD
MURRIETA, CA 92562

Site 2 of 3 in cluster B

ENVIROSTOR SCH **S118756713** **N/A**

Relative:
Lower

Actual:
1039 ft.

ENVIROSTOR:
Name: ELEMENTARY SCHOOL SITE NO. 10
Address: GREER ROAD/CLINTON KEITH ROAD
City,State,Zip: MURRIETA, CA 92562
Facility ID: 33010062
Status: No Action Required

ELEMENTARY SCHOOL SITE NO. 10 (Continued) **S118756713**

Status Date: 04/12/2001
Site Code: 404214
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 67
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.53312
Longitude: -117.1806
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ELEMENTARY SCHOOL SITE NO. 10
Alias Type: Alternate Name
Alias Name: MURRIETA VALLEY USD-ELEM SCHOOL SITE #10
Alias Type: Alternate Name
Alias Name: MURRIETA VALLY UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 404214
Alias Type: Project Code (Site Code)
Alias Name: 33010062
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/16/2005
Comments: Notice of Refund of Advance Balance letter, dated 11/16/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/03/2005
Comments: CRU Memo completed.

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

ELEMENTARY SCHOOL SITE NO. 10 (Continued) **S118756713**

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

SCH:

Facility ID:	33010062
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404214
Assembly:	67
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	04/12/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.53312
Longitude:	-117.1806
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ELEMENTARY SCHOOL SITE NO. 10
Alias Type:	Alternate Name
Alias Name:	MURRIETA VALLEY USD-ELEM SCHOOL SITE #10
Alias Type:	Alternate Name
Alias Name:	MURRIETA VALLY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	404214
Alias Type:	Project Code (Site Code)
Alias Name:	33010062
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/16/2005
Comments:	Notice of Refund of Advance Balance letter, dated 11/16/05.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/12/2001

ELEMENTARY SCHOOL SITE NO. 10 (Continued) **S118756713**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/03/2005
Comments: CRU Memo completed.

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

B6
South
1/2-1
0.796 mi.
4204 ft.

ELEMENTARY SCHOOL NO. 9 **ENVIROSTOR** **S118756712**
EARLY LANE/WINCHESTER DRIVE/HUNTER ROAD **SCH** **N/A**
MURRIETA, CA 92563

Site 3 of 3 in cluster B

Relative:
Lower

Actual:
1039 ft.

ENVIROSTOR:
Name: ELEMENTARY SCHOOL NO. 9
Address: EARLY LANE/WINCHESTER DRIVE/HUNTER ROAD
City,State,Zip: MURRIETA, CA 92563
Facility ID: 33010061
Status: No Action Required
Status Date: 03/13/2001
Site Code: 404208
Site Type: School Investigation
Site Type Detailed: School
Acres: 12.7
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 67
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.53312
Longitude: -117.1806
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ELEMENTARY SCHOOL NO. 9
Alias Type: Alternate Name
Alias Name: MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name

ELEMENTARY SCHOOL NO. 9 (Continued) **S118756712**

Alias Name:	MURRIETA VALLEY USD-ELEMENTARY SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	404208
Alias Type:	Project Code (Site Code)
Alias Name:	33010061
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/13/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	33010061
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	12.7
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404208
Assembly:	67
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	03/13/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.53312
Longitude:	-117.1806
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ELEMENTARY SCHOOL NO. 9
Alias Type:	Alternate Name
Alias Name:	MURRIETA VALLEY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name

ELEMENTARY SCHOOL NO. 9 (Continued) **S118756712**

Alias Name:	MURRIETA VALLEY USD-ELEMENTARY SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	404208
Alias Type:	Project Code (Site Code)
Alias Name:	33010061
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/13/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

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

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

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

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

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

Source: EPA
Telephone: N/A
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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

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

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

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

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

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

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

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

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

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

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

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

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

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

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

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

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

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

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

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

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

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

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

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

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

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

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

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

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

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

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

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

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

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

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

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

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

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

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

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

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

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

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

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

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

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

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

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

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

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

CERS HAZ WASTE: CERS HAZ WASTE

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

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

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

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

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

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

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

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

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

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

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

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

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

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

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

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

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

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

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

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

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

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

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

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

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

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

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

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

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

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
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 Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

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

CONSENT: Superfund (CERCLA) Consent Decrees

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

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

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

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

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

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

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/06/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

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

ECHO: Enforcement & Compliance History Information

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

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

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

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

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

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

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

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

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

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

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

EMI: Emissions Inventory Data

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

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

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

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

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

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

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 50

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

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

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

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

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

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

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

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

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

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

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

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

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

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

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

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

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

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

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

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

PROJECT: Project Sites (GEOTRACKER)
Projects sites

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

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

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

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

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

CIWQS: California Integrated Water Quality System

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

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

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

CERS: CalEPA Regulated Site Portal Data

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

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

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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

Non-Case Information sites

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

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

WIP: Well Investigation Program Case List

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

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

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

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

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

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

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

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

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

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

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

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

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

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

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

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

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

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

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

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

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

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

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

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

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

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

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

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

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

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

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

FRESNO COUNTY:

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

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

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

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

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

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

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

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

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

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

KERN COUNTY:

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

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

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

KINGS COUNTY:

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

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

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

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

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

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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

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

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

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

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

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

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

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

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

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

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

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

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

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

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

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

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

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

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

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

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

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

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank

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

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

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

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

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

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

MARIN COUNTY:

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

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

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 50

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

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

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

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

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

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 36

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 67

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

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

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

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

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 03/06/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 54

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

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

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

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

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

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

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

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

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 02/28/2019
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 13

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

APNS 910-020-009 AND -014
MONROE AVENUE/FIG STREET
MURRIETA, CA 92562

TARGET PROPERTY COORDINATES

Latitude (North):	33.546411 - 33˚ 32' 47.08''
Longitude (West):	117.181817 - 117˚ 10' 54.54''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	483120.5
UTM Y (Meters):	3711686.5
Elevation:	1126 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641304 MURRIETA, CA
Version Date:	2012

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

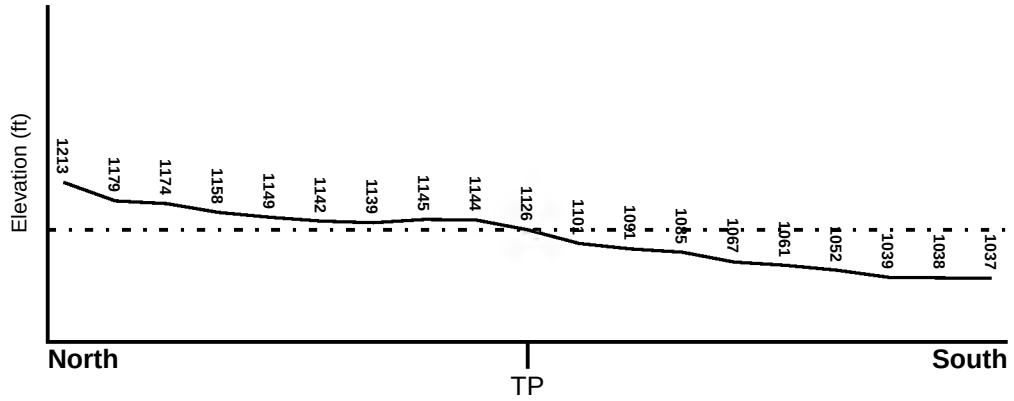
TOPOGRAPHIC INFORMATION

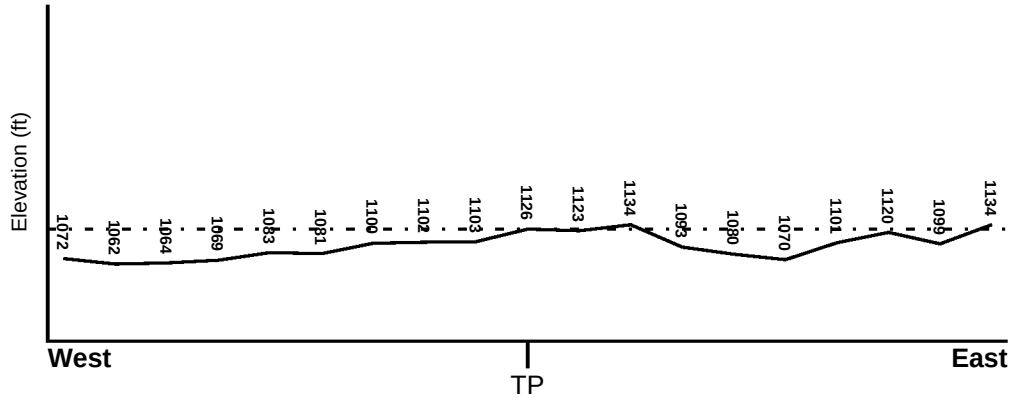
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 1126 ft.

0 1/2 1 Miles

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

Flood Plain Panel at Target Property	FEMA Source Type
06065C2720G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C2715G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MURRIETA	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

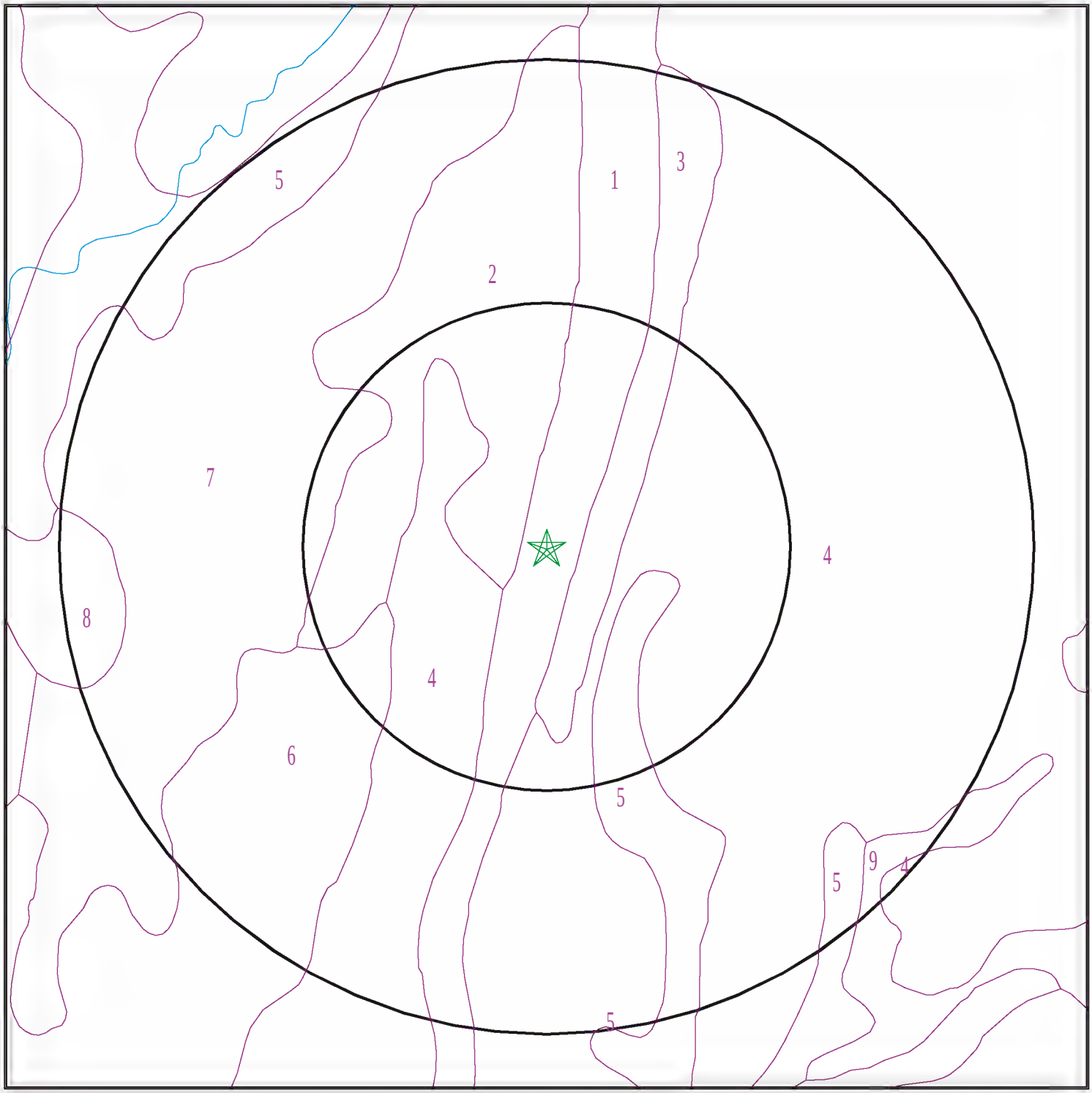
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 5689856.2s



★ Target Property

SSURGO Soil

Water

SITE NAME: APNs 910-020-009 and -014 ADDRESS: Monroe Avenue/Fig Street Murrieta CA 92562 LAT/LONG: 33.546411 / 117.181817	CLIENT: LOR Geotechnical Group, Inc. CONTACT: Kevin Osmun INQUIRY #: 5689856.2s DATE: June 20, 2019 12:09 pm

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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: RAMONA

Soil Surface Texture: sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: RAMONA

Soil Surface Texture: sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: GULLIED LAND

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: RAMONA

Soil Surface Texture: 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	16 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 6

Soil Component Name: RAMONA

Soil Surface Texture: sandy 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	16 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 7

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	11 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
3	24 inches	35 inches	cemented	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

Soil Map ID: 8

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	18 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	18 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 9

Soil Component Name: ARLINGTON

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
2	11 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
3	24 inches	35 inches	cemented	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6
4	35 inches	46 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000134802	1/4 - 1/2 Mile NNW
A3	USGS40000134687	1/4 - 1/2 Mile East
A4	USGS40000134688	1/4 - 1/2 Mile East
5	USGS40000134838	1/4 - 1/2 Mile NNW
6	USGS40000134635	1/4 - 1/2 Mile WSW
B7	USGS40000134538	1/4 - 1/2 Mile SSW
11	USGS40000134779	1/2 - 1 Mile WNW
C12	USGS40000134742	1/2 - 1 Mile East
C15	USGS40000134720	1/2 - 1 Mile East
F17	USGS40000134513	1/2 - 1 Mile South
F18	USGS40000134514	1/2 - 1 Mile South
E19	USGS40000134909	1/2 - 1 Mile NNE
G20	USGS40000134532	1/2 - 1 Mile SSW
D21	USGS40000134557	1/2 - 1 Mile SE
H22	USGS40000134591	1/2 - 1 Mile WSW
H23	USGS40000134592	1/2 - 1 Mile WSW
I24	USGS40000134931	1/2 - 1 Mile NNW
I28	USGS40000134956	1/2 - 1 Mile NNW
L31	USGS40000134522	1/2 - 1 Mile SW
J33	USGS40000134524	1/2 - 1 Mile SE
K34	USGS40000134954	1/2 - 1 Mile NNE
K35	USGS40000134955	1/2 - 1 Mile NNE
M38	USGS40000134646	1/2 - 1 Mile WSW
N39	USGS40000134586	1/2 - 1 Mile ESE
M40	USGS40000134665	1/2 - 1 Mile West
42	USGS40000134769	1/2 - 1 Mile WNW
43	USGS40000134512	1/2 - 1 Mile SE
M44	USGS40000134676	1/2 - 1 Mile West
O45	USGS40000134491	1/2 - 1 Mile South
N48	USGS40000134583	1/2 - 1 Mile ESE
P50	USGS40000134636	1/2 - 1 Mile WSW
Q52	USGS40000134868	1/2 - 1 Mile ENE
54	USGS40000134505	1/2 - 1 Mile SE
R55	USGS40000134713	1/2 - 1 Mile West
R56	USGS40000134737	1/2 - 1 Mile West
T59	USGS40000134763	1/2 - 1 Mile West
U60	USGS40000134474	1/2 - 1 Mile SSE
V61	USGS40000134857	1/2 - 1 Mile ENE
S62	USGS40000135002	1/2 - 1 Mile NE
S63	USGS40000134987	1/2 - 1 Mile NE
S64	USGS40000134988	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
X66	USGS40000134492	1/2 - 1 Mile SW
W71	USGS40000134900	1/2 - 1 Mile NE
73	USGS40000134558	1/2 - 1 Mile WSW
74	USGS40000134770	1/2 - 1 Mile West
76	USGS40000134468	1/2 - 1 Mile SSE
Z77	USGS40000134453	1/2 - 1 Mile South
AA80	USGS40000134452	1/2 - 1 Mile SSE
AA81	USGS40000134451	1/2 - 1 Mile SSE
82	USGS40000134874	1/2 - 1 Mile ENE
83	USGS40000134525	1/2 - 1 Mile WSW
Y84	USGS40000134748	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADWR8000003712	1/4 - 1/2 Mile ESE
B8	CADWR8000003614	1/2 - 1 Mile SSW
C9	CADWR8000003730	1/2 - 1 Mile East
C10	CADWR8000003745	1/2 - 1 Mile East
D13	CADWR8000003629	1/2 - 1 Mile SE
E14	CADWR8000003838	1/2 - 1 Mile North
F16	CADWR8000003602	1/2 - 1 Mile South
G25	CADWR8000003612	1/2 - 1 Mile SW
J26	CADWR8000003607	1/2 - 1 Mile SSE
I27	CADWR8000003853	1/2 - 1 Mile NNW
K29	CADWR8000003861	1/2 - 1 Mile NNE
K30	CADWR8000003862	1/2 - 1 Mile NNE
32	7876	1/2 - 1 Mile SE
36	CADWR8000003648	1/2 - 1 Mile WSW
J37	CADWR8000003601	1/2 - 1 Mile SSE
L41	CADWR8000003606	1/2 - 1 Mile SW
M46	CADWR8000003696	1/2 - 1 Mile West
O47	CADWR8000003585	1/2 - 1 Mile South
49	CADWR8000003704	1/2 - 1 Mile West
Q51	CADWR8000003811	1/2 - 1 Mile NE
P53	CADWR8000003675	1/2 - 1 Mile WSW
S57	CADWR8000003882	1/2 - 1 Mile NE
S58	CADWR8000003883	1/2 - 1 Mile NE
W65	CADWR8000003830	1/2 - 1 Mile NE
U67	CADWR8000003581	1/2 - 1 Mile SSE
V68	CADWR8000003816	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

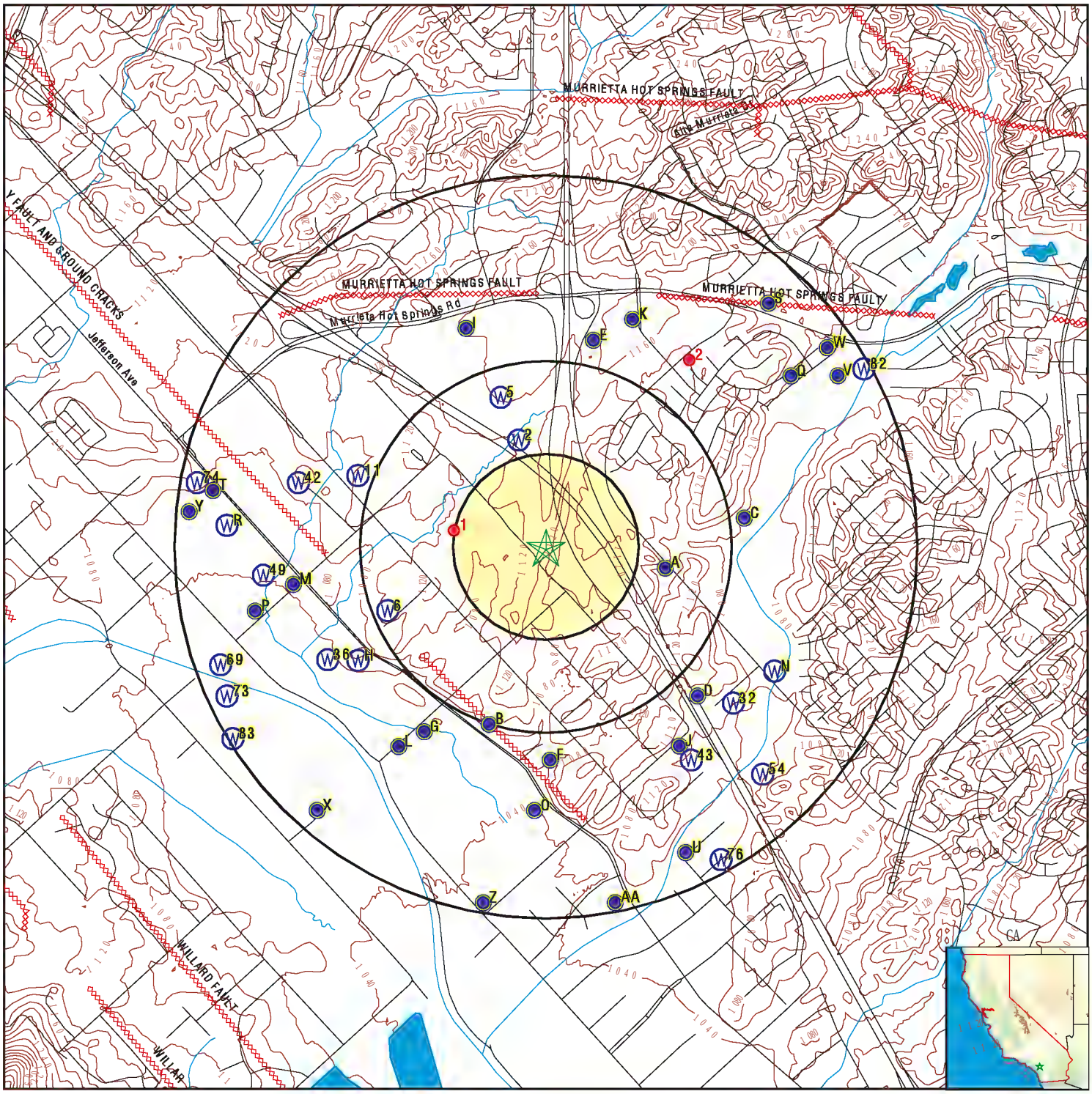
MAP ID	WELL ID	LOCATION FROM TP
69	CADWR8000003647	1/2 - 1 Mile WSW
Y70	CADWR8000003740	1/2 - 1 Mile West
T72	CADWR8000003759	1/2 - 1 Mile West
X75	CADWR8000003586	1/2 - 1 Mile SW
AA78	CADWR8000003572	1/2 - 1 Mile South
Z79	CADWR8000003573	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000006399	1/4 - 1/2 Mile West
2	CAOG13000006386	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 5689856.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: APNs 910-020-009 and -014	CLIENT: LOR Geotechnical Group, Inc.
ADDRESS: Monroe Avenue/Fig Street Murrieta CA 92562	CONTACT: Kevin Osmun INQUIRY #: 5689856.2s
LAT/LONG: 33.546411 / 117.181817	DATE: June 20, 2019 12:09 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **ESE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADWR8000003712**

State Well #:	07S03W22K001S	Station ID:	9093
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

2 **NNW** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000134802**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22F001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A3 **East** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000134687**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22K001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570101	Well Depth:	135
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	51.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
A4 **East** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000134688**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22K002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	21
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

5 **NNW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000134838**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22C001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

6 **WSW** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000134635**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21J002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610101	Well Depth:	432
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
B7 **SSW** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS40000134538**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27C001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	20
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	17.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B8 **SSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003614**

State Well #:	07S03W27C001S	Station ID:	9111
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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C9 **East** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003730**

State Well #:	07S03W22H002S	Station ID:	10432
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

C10 **East** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003745**

State Well #:	07S03W22H001S	Station ID:	10431
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
11 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134779**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21H001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

C12 **East** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134742**	

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22H001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19640101	Well Depth:	225
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	36.00	Feet to sea level:	Not Reported
Note:	Not Reported		

D13 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003629**	

State Well #:	07S03W22R001S	Station ID:	9094
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
E14 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR8000003838**

State Well #:	07S03W15Q001S	Station ID:	30338
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

C15 **East** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134720**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22H002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	39.00	Feet to sea level:	Not Reported
Note:	Not Reported		

F16 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003602**

State Well #:	07S03W27C003S	Station ID:	9112
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

F17 **South** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134513**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27C002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	Not Reported	Well Depth:	14
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

F18
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000134514**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27C003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	42
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	24.00	Feet to sea level:	Not Reported
Note:	Not Reported		

E19
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000134909**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W15Q001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	124.00	Feet to sea level:	Not Reported
Note:	Not Reported		

G20
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000134532**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27D001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	56.00	Feet to sea level:	Not Reported
Note:	Not Reported		

D21
SE **FED USGS** **USGS40000134557**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22R001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	59.00	Feet to sea level:	Not Reported
Note:	Not Reported		

H22
WSW **FED USGS** **USGS40000134591**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21R001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	50
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

H23
WSW **FED USGS** **USGS40000134592**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA
Organization Name:	USGS California Water Science Center

Monitor Location:	007S003W21R002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	85
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	77.00	Feet to sea level:	Not Reported
Note:	Not Reported		

I24
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000134931**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W15N002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19670101	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	101.00	Feet to sea level:	Not Reported
Note:	Not Reported		

G25
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003612**

State Well #:	07S03W27D001S	Station ID:	30350
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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J26
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003607**

State Well #:	07S03W27A002S	Station ID:	9110
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
I27 **NNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR8000003853**

State Well #:	07S03W15N002S	Station ID:	38168
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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I28 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000134956**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W15N001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	107
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

K29 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR8000003861**

State Well #:	07S03W15Q002S	Station ID:	12360
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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K30 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR8000003862**

State Well #:	07S03W15Q003S	Station ID:	30339
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
L31 **SW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134522**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27D002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19270101	Well Depth:	450
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	56.00	Feet to sea level:	Not Reported
Note:	Not Reported		

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32 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**7876**	

Seq:	7876	Prim sta c:	07S/03W-22R02 S
Frds no:	3301169001	County:	33
District:	63	User id:	33C
System no:	3301169	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	333225.0	Longitude:	1171020.0
Precision:	2	Status:	AR
Comment 1:	MURRIETA 15		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3301169	System nam:	WARM SPRINGS MOBILE HOME AND RV PARK
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

J33 **SE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134524**	

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27A002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	70
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	41.00	Feet to sea level:	Not Reported
Note:	Not Reported		

K34
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000134954**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W15Q002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	318
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	132.00	Feet to sea level:	Not Reported
Note:	Not Reported		

K35
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000134955**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W15Q003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19230101	Well Depth:	286
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	21.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
36 **WSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003648**

State Well #:	07S03W21R002S	Station ID:	10430
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

J37 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003601**

State Well #:	07S03W27A003S	Station ID:	30237
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

M38 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134646**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21J001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19160101	Well Depth:	50
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

N39 **ESE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134586**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W22R002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19620101	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
M40 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134665**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21K002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19530101	Well Depth:	310
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	24.00	Feet to sea level:	Not Reported
Note:	Not Reported		

L41 **SW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003606**

State Well #:	07S03W27D002S	Station ID:	9113
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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42 **WNW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134769**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21G001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
43 **SE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134512**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27A003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	34.00	Feet to sea level:	Not Reported
Note:	Not Reported		

M44 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134676**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21K001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19260101	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	21.00	Feet to sea level:	Not Reported
Note:	Not Reported		

O45 **South** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134491**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27F001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported

Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	9.00	Feet to sea level:	Not Reported
Note:	Not Reported		

M46
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003696**

State Well #:	07S03W21K002S	Station ID:	13105
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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O47
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003585**

State Well #:	07S03W27F001S	Station ID:	30351
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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N48
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000134583**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W23N001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	26
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

49
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003704**

State Well #:	07S03W21K001S	Station ID:	13104
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
P50 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134636**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21K004S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610101	Well Depth:	412
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	65.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Q51 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR8000003811**

State Well #:	07S03W23D004S	Station ID:	9099
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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Q52 **ENE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134868**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W23D004S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	295
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	48.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
P53 **WSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003675**

State Well #:	07S03W21K004S	Station ID:	31928
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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54 **SE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134505**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27A001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

R55 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134713**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21K003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

R56 **West** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134737**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21G003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	256
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	31.00	Feet to sea level:	Not Reported
Note:	Not Reported		

S57
NE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003882**

State Well #:	07S03W14N002S	Station ID:	30337
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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S58
NE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003883**

State Well #:	07S03W14N003S	Station ID:	12359
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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T59
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000134763**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21G002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	32
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	22.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
U60 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134474**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27H001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19260101	Well Depth:	423
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

V61 **ENE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134857**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W23D003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	202
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

S62 **NE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000135002**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W14N001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
S63 **NE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134987**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W14N002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	78
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	62.00	Feet to sea level:	Not Reported
Note:	Not Reported		

S64 **NE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134988**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W14N003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19650101	Well Depth:	144
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	62.00	Feet to sea level:	Not Reported
Note:	Not Reported		

W65 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003830**

State Well #:	07S03W23D001S	Station ID:	9097
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
X66 **SW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134492**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W28H001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	38.00	Feet to sea level:	Not Reported
Note:	Not Reported		

U67 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003581**

State Well #:	07S03W27H002S	Station ID:	9114
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

V68 **ENE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003816**

State Well #:	07S03W23D002S	Station ID:	9098
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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69 **WSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003647**

State Well #:	Not Reported	Station ID:	48770
Well Name:	RCWD 439	Well Use:	Observation
Well Type:	Single Well	Well Depth:	65
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
Y70 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003740**

State Well #:	07S03W21G003S	Station ID:	31927
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

W71 **NE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134900**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W23D001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19340101	Well Depth:	558
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	42.00	Feet to sea level:	Not Reported
Note:	Not Reported		

T72 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003759**

State Well #:	07S03W21G002S	Station ID:	13103
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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73 **WSW** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134558**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21Q001S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19280101	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

74
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000134770**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21F002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	35.00	Feet to sea level:	Not Reported
Note:	Not Reported		

X75
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000003586**

State Well #:	07S03W28H001S	Station ID:	30360
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

---

76
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000134468**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27H002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19160101	Well Depth:	72
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	17.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
Z77 **South** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134453**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27M007S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	40
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	10.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AA78 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003572**

State Well #:	07S03W27K003S	Station ID:	30353
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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Z79 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR8000003573**

State Well #:	07S03W27M007S	Station ID:	9119
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Temecula Valley	Well Completion Rpt #:	Not Reported

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AA80 **SSE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000134452**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27K003S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19680101	Well Depth:	155
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-04-01
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AA81
SSE **FED USGS** **USGS40000134451**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W27K002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	28
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

82
ENE **FED USGS** **USGS40000134874**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W23D002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-02-01
Feet below surface:	44.00	Feet to sea level:	Not Reported
Note:	Not Reported		

83
WSW **FED USGS** **USGS40000134525**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W28B002S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	30
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Y84
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000134748**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	007S003W21F004S	Type:	Well
Description:	Not Reported	HUC:	18070302
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19620101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-03-01
Feet below surface:	76.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID Direction Distance	Database	EDR ID Number

1
West
1/4 - 1/2 Mile

OIL_GAS **CAOG13000006399**

API #:	0406500124	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Petroleum Prod. Engineers	Lease Name:	Vernard
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

2
NE
1/2 - 1 Mile

OIL_GAS **CAOG13000006386**

API #:	0406500110	Well #:	1
Well Status:	Plugged	Well Type:	OG
Operator Name:	Murietta Valley	Lease Name:	Lease by Murietta Valley
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92562	29	1

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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