Appendix G: Hazardous Waste Initial Site Assessment			

Modjeska Canyon Road Bridge (No. 55C-0172) Replacement Project Orange County, California Orange County Public Works Federal Aid Project No. BRL0-5955 (094)

Initial Site Assessment



Prepared for:



Prepared by:



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Modjeska Canyon Road Bridge (No. 55C-0172) Replacement Project Orange County, California Orange County Public Works Federal Aid Project No. BRL0-5955 (094)

Initial Site Assessment

Submitted to:
Orange County Public Works

This report has been prepared by or under the supervision of the following Professional Geologist. The Registered Professional Geologist attests to the technical information contained herein and has judged the qualifications of any technical specialists providing environmental data upon which recommendations, conclusions, and decisions are based.

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4/1/2021

Date

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Executive Summary

The Modjeska Canyon Road Bridge No. 55C-0172 Replacement Project (Project) is located on Modjeska Canyon Road in Orange County, California. The bridge spans a non-leveed, incised channel within Modjeska Canyon, known as Santiago Creek. The steel plate girder bridge was constructed in 1935 and is approximately 64-feet-long and 24.5-feet-wide. The purpose of the Project is to replace the bridge with one that meets current safety and roadway standards. The Project is located in the unincorporated community of Modjeska Canyon along Modjeska Canyon Road approximately 0.8 miles east of Santiago Canyon Road (S18), immediately south of the intersection of Santiago Canyon Road and Modjeska Grade Road. Regionally, the bridge is located between the unincorporated community of Silverado approximately 2.75 miles to the north and the City of Lake Forest about 0.75 miles to the southwest.

Orange County Public Works Department (OCPW) together with the California Department of Transportation's (Caltrans) Local Assistance Program, is proposing the replacement of the bridge for safety purposes, and to improve accessibility for pedestrians and emergency vehicles. This Project will be federally funded by the Highway Bridge Program (HBP) and local funds under Federal Aid Project No. BRL0-5955 (094).

As part of the environmental due diligence for the Project, WRECO, as a subcontractor to the Orange County Public Works, has completed an Initial Site Assessment (ISA) for the Modjeska Canyon Road Bridge No. 55C-0172 over Santiago Creek Replacement Project. The purpose of the ISA is to assess the potential risks posed by hazardous materials in the Project area to environmental resources and human health. This report presents the results of the ISA, including regulatory records searches, file reviews, historical database reviews, and a site reconnaissance along with our recommendations.

The ISA was required as part of Caltrans' Local Assistance Procedures Manual and Standard Environmental Reference (SER) Environmental Handbook, Volume 1, Chapter 10 "Guidelines for Hazardous Materials, Hazardous Waste, and Contamination." The industry standard for preparing an ISA is found in the American Society for Testing and Materials (ASTM) International E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

According to historical research and records, the Project area was utilized for grazing and wood land, and one property to the southwest for row crops. The Project area is still rural and has experienced little development, with the exception of agriculture to the southwest of the bridge and some residential properties. In the past 20 years, more residential homes have been constructed, however, the neighborhood has remained fairly rural.

The ISA identified the following potential recognized environmental conditions (REC) including:

- Potential polychlorinated biphenyls (PCB) and heavy metals from pole-mounted transformers on wooden utility poles (potential arsenic, chromium, creosote, and pentachlorophenol) along Markuson Road to the northeast;
- Potential aerially deposited lead (ADL) in exposed soil south of the bridge, from historical vehicle emissions during the leaded gasoline era;

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- Potential lead-based paint (LBP) on the metal railings on both sides of the bridge, and the yellow traffic striping;
- Potential asbestos-containing materials (ACM) within the bridge materials; and
- Potential for pesticides and heavy metals from the agricultural field to the southwest, within soil along Santiago Creek.

WRECO recommends a Preliminary Site Investigation (PSI) to test bridge materials for ACM and LBP prior to demolition. Soils that will be disturbed around the bridge should be tested for constituents of concern, as indicated above. The RECs identified at the Project area are described in the Summary Table below.

Summary of RECs and Recommendations

Description	Evidence of REC Found	Recommended Actions
Agricultural Fields	Due to agricultural use of the land to the southwest, organochlorine pesticides (OCP), organophosphorus pesticides (OPP), and heavy metals may be present within soil in Santiago Creek.	PSI: -Soil sampling for OCP, OPP and heavy metals.
ADL	There is potential for elevated levels of lead in exposed soil from historical vehicle emissions, since leaded gasoline was used through the 1970s and the shoulders of the roadway, south of the bridge, may contain ADL.	PSI: -Soil sampling for total lead.
Utility Poles and Pole-mounted Transformers	Treated wood poles (utility poles) along the side of the road may contain a variety of chemicals (arsenic, chromium, copper, creosote, and pentachlorophenol) that can runoff and impact soil. Pole-mounted transformers located to the northeast of the bridge, may contain PCBs and metals.	PSI: -Soil sampling for PCBs, pentachlorophenol, creosote, and heavy metals. (If utility poles will be moved or replaced, abate transformers prior to construction)
Existing Bridge Structure May Contain LBP and ACM	Due to the age of the bridge, there is potential for LBP and ACM within the structure, and the potential for LBP associated with traffic striping.	PSI: -Structural elements sampling for LBP and ACM.

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Acronyms

AAI All Appropriate Inquiries
ACM Asbestos-containing Materials
ADL Aerially Deposited Lead
ADT average daily traffic
APN Assessor Parcel Number

ASTM American Society for Testing and Materials

BBC Environmental, Inc.

Caltrans California Department of Transportation

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

CERS California Environmental Reporting System

CGS California Geologic Survey

CIWQS California Integrated Water Quality System
CREC Controlled Recognized Environmental Condition

DTSC Department of Toxic Substances Control

DWR Department of Water Resources
EDR Environmental Data Resources
EPA Environmental Protection Agency

Ft bgs. feet below ground surface HBP Highway Bridge Program

HREC Historical Recognized Environmental Condition

ISA Initial Site Assessment LBP Lead-based Paint

NAIP National Agriculture Imagery Program NRCS National Resource Conservation Service

NOA Naturally Occurring Asbestos OCP organochlorine pesticides

OCPW Orange County Public Works Department

OPP organophosphorus pesticides PCB Polychlorinated Biphenyl

PES Preliminary Environmental Study

PR Peninsula Range

Project Modjeska Canyon Road Bridge No. 55C-0172 Replacement Project

PSI Preliminary Site Investigation

RC reinforced concrete

REC Recognized Environmental Condition

S18 Santiago Canyon Road

SER Standard Environmental Reference SWRCB State Water Resource Control Board USDA United States Department of Agriculture

USGS United States Geological Survey

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1 INTRODUCTION

This report presents the results of an *Initial Site Assessment* (ISA) conducted by WRECO, on behalf of Orange County Public Works Department (OCPW), for the Modjeska Canyon Road Bridge No. 55C-0172 Replacement Project (Project), in Orange County (County), California. The bridge spans a non-leveed, incised channel within Modjeska Canyon, known as Santiago Creek. The Project is located in the eastern portion of Orange County, in the unincorporated community of Modjeska Canyon along Modjeska Canyon Road approximately 0.8 miles east of Santiago Canyon Road (S18), immediately south of the intersection of Santiago Canyon Road and Modjeska Grade Road. The Project Vicinity and Location Map are shown in Figure 1 and Figure 2, respectively.

The steel plate girder bridge was constructed in 1935 and is approximately 64-feet-long and 24.5-feet-wide. The purpose of the Project is to replace the bridge with one that meets current safety and roadway standards. The current bridge is constructed of a reinforced concrete (RC) deck on built up steel girders and floor beams, and RC pedestals and abutments with monolithic wingwalls at the northwestern and southeastern corners on spread footings. There are concrete curbs on both sides of the bridge, and an 8-inch steel pipe waterline attached to the west girder of the bridge.

The OCPW and the California Department of Transportation's (Caltrans) Local Assistance Program, is proposing the replacement of the bridge for safety purposes, and to improve accessibility for pedestrians and emergency vehicles. This Project will be federally funded by the Highway Bridge Program (HBP) and local funds under Federal Aid Project No. BRL0-5955 (094).

1.1 Project Description

1.1.1 Project History

Constructed in 1935, the existing Modjeska Canyon Bridge is approximately 64 feet long, a single span steel through girder bridge with transverse floor beams supporting a concrete deck. The through girders essentially work as the bridge barrier and are partially protected by a concrete parapet. The approach railing terminates prior to the bridge barriers or are non-existent, so the bridge girders/barriers are unprotected. The bridge is founded on concrete spread footings. Concrete wingwalls flare away from the bridge at all four corners. Two of these wingwalls are substantial in height and length and are also set on spread footings.

The bridge clear width between parapets is 20 feet. The north approach from Modjeska Canyon Road makes a sharp right curve onto the bridge. Markuson Road T-s into Modjeska Canyon Road from the east, just north of the bridge. The south approach curves slightly to the west immediately south of the bridge. The road approaches are approximately 24 feet wide. The concrete parapets on the bridge are too narrow to function as sidewalks and are interrupted by steel flanges.

From the intersection of E. Santiago Canyon Road and Modjeska Canyon Road to the bridge there are no speed limit signs, indicating the prima facia speed limit is 55 mph. However, the narrow road and sharp curve near the bridge greatly reduces speed. The safe speed of these curves is approximately 25 mph. The most recent County traffic count in March 2018 determined the average daily traffic (ADT) at approximately 420.

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Santiago Creek flows from the east, crossing under the bridge at a shallow angle, resulting in a bridge skew of approximately 22°. The bridge was programmed for replacement based on the low sufficiency rating and Functional Obsolete classification due to the narrow deck.

1.1.2 Purpose and Need

Orange County, California

1.1.2.1 Purpose

The purpose of the Project is to replace the existing deteriorated steel bridge with a new bridge in conformance with current environmental and design standards, both structurally and hydraulically, and have a life expectancy of 75 years minimum. Portions of the roadway connecting to the bridge will require widening and re-profiling to provide for a smooth transition to the new bridge.

1.1.2.2 Need

The road is the main access for residents of Modjeska Canyon; therefore, it is critical to keep it in service and avoid potential deficiencies that would take the bridge out of service. Seasonal floods and wildfires occur in the Santa Ana Mountains that affect this community and quick access from the Canyon is necessary during such events.

The existing 2-lane bridge is classified as functionally obsolete due to the very narrow road width. The bridge must be widened to meet current standards and traffic volumes.

The bridge live load capacity does not meet current standards. In addition, the non-redundant riveted steel through girders and riveted steel floor beams require the bridge to undergo biennial inspection per the Caltrans Fracture Critical Member Inspection Plan. Replacing the bridge will eliminate the intensive bridge inspection maintenance efforts and cost.

A new bridge structure is needed to provide a facility that will meet current federal standards and that will support an increased ADT capacity.

1.1.3 Project Description

Orange County, in cooperation with the California Department of Transportation (Caltrans), is proposing to replace the Modjeska Bridge (Bridge No. 55C0172) over Santiago Creek. The Modjeska Bridge is located in Modjeska Canyon near the Cleveland National Forest. The existing bridge is a single span and crosses over Santiago Creek. The project will replace the existing substandard steel bridge; construction funding is provided by the Highway Bridge Program (HBP) and toll credits.

The proposed replacement structure is a 65'-2" long single span prestressed, precast concrete I girder bridge. The bridge will be raised approximately one foot to increase hydraulic conveyance. Tall abutment walls, similar to the existing condition, will be set on spread footing foundations. Tall wing walls will be required at all corners. The replacement bridge will have 12-foot-wide lanes and will include 8-foot minimum width shoulders. Bridge barriers will be deck mounted concrete barrier Type 836.

There are no nearby pedestrian facilities or future plans to place sidewalks along Modjeska Canyon Road, but portions of Modjeska Canyon Road have sufficient dirt shoulders to provide room for

pedestrians. To keep with the rural setting, there will not be sidewalks on the bridge. The bridge is on a 155' horizontal curve. The precast girder construction limits the radius the outside edge of the bridge can be curved. Therefore, the shoulders will vary from 8 feet up to 10.8 feet, for a minimum total barrier to barrier width of 43'-10". The bridge will be wider at the north end to accommodate vehicles turning off the bridge onto Markuson Road to the east.

Santiago Creek is an ephemeral stream that flows west under the existing bridge. The location of the stream is well defined and is currently not adjacent to the abutments during low flows. Construction will likely occur when the stream is dry and not require stream diversion. A drainage ditch runs along the southwest approach. The wider bridge may require the ditch to be realigned, and trees at bridge corners will need to be removed. The ditch will be moved slightly west in the immediate vicinity of the bridge and will quickly transition back to its current location south of the bridge.

The narrow road and limited right of way requires the replacement structure be placed in the same location as the existing structure. There is a detour approximately 4 miles in length but includes a steep winding road on Modjeska Grade Road. Because of the steep, winding nature of the Modjeska Grade detour and the desire to provide suitable emergency ingress and egress, the new bridge will be stage constructed to allow one lane of alternating traffic during construction. The alternating one-way traffic will be controlled by signal.

During the first stage, a temporary bridge approximately 80 feet long will be placed within the footprint of the new bridge, reducing environmental and right of way impacts to the same as needed for only the new bridge. This will require the road to be closed to traffic for approximately 2 days while the existing bridge is removed and the temporary bridge is erected. Modjeska Grade Road will be utilized for traffic during this short road closure. For the second construction stage, one lane of alternating traffic is shifted to the new bridge, the temporary bridge is removed, and the remaining half of the new bridge is constructed.

Contractor staging areas are anticipated to be situated on the closed portion of the existing road approaches and potentially on property just west of the north abutment. Temporary easements and partial parcel acquisition will be necessary, but are anticipated to be minimal. Exact amounts will be determined during final design.

Utilities include a waterline attached to the west side of the bridge and overhead electrical and communication lines just to the north of the north abutment. It is likely the overhead lines will not need to be relocated for construction. The waterline will need to be relocated to the new bridge.

Typical equipment for roadway construction would include heavy construction earthmoving equipment, dump trucks and pavers. Typical bridge construction equipment would include cranes, excavators, rock hammers, generators, and concrete pumps.

1.2 Purpose of Initial Site Assessment

WRECO was contracted and tasked by Dokken Engineering Inc. to perform an ISA in agreement with OCPW for professional services in support of the Project. The ISA was identified as a required technical study in the Preliminary Environmental Study (PES) signed on October 26, 2017 (Appendix A). The ISA is required as part of the Caltrans environmental review, consistent with Caltrans' *Local Assistance Procedures Manual* and *Standard Environmental Reference* (SER) *Environmental Handbook*, Volume 1, Chapter 10 "Guidelines for Hazardous Materials, Hazardous Waste, and Contamination."

The industry standard for preparing an ISA is found in the American Society of Testing and Materials (ASTM) International E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* The ISA was conducted in accordance with the United States Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312), which needs to be included as part of the process of evaluating a property's environmental conditions and assessing potential liability for any contamination. The intention of the ISA is to identify potential issues that may impact the Project with respect to the range of potential contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601).

The ISA investigation evaluated the Project area for the presence of recognized environmental conditions (REC). The ASTM defines a REC as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

The term "REC" is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Two additional types of RECs are included in the revised ASTM publication, including historical RECs (HREC) and controlled RECs (CREC). A HREC is defined by ASTM 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 met unrestricted use criteria established by the regulatory authority without subjecting the property to any required controls.

A CREC is defined by ASTM as a REC resulting from a past release of any hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by a no further action letter or equivalent or met risk-based criteria established by the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

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No significant data gaps were identified during the completion of this ISA. Certain exceptions in this ISA, to the AAI standard, included: 1) no property appraisals performed for the Project area, and; 2) no direct interviews with the owners of the subject parcels. The permanent acquisitions and the temporary construction easements are currently pending for further actions. This report is not intended to serve as a compliance assessment of the subject property.

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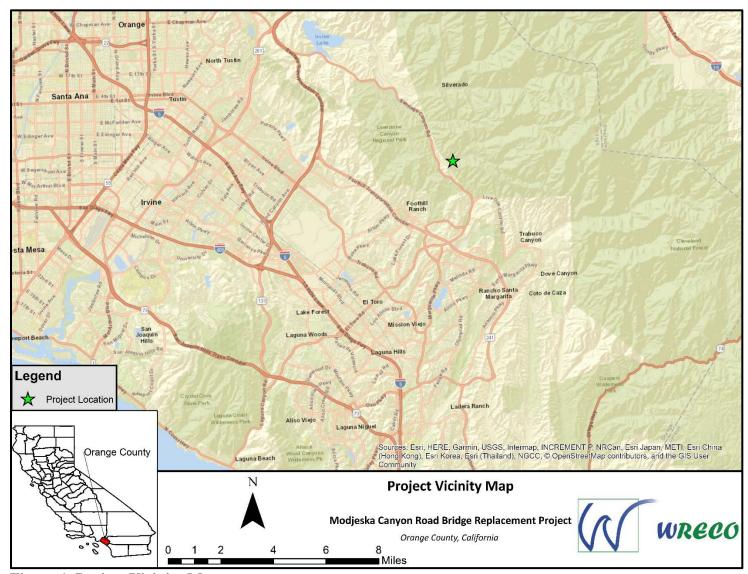


Figure 1. Project Vicinity Map

Source: WRECO and ESRI, 2019

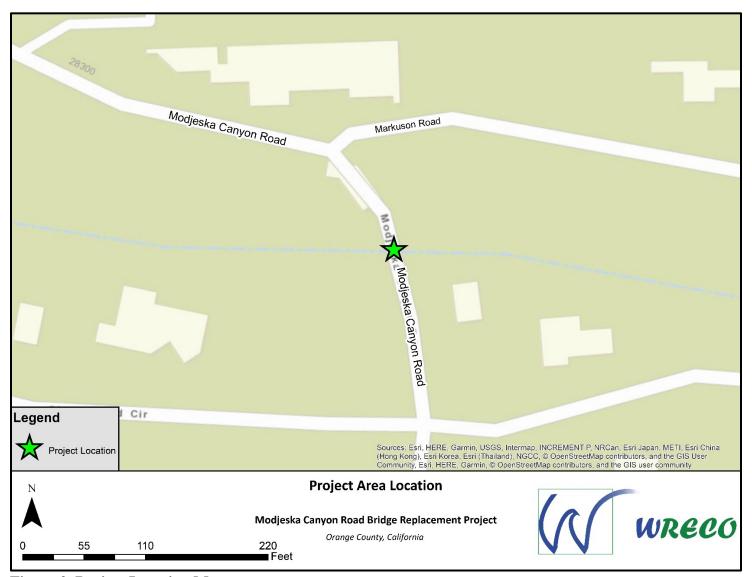


Figure 2. Project Location Map

Source: WRECO and ESRI, 2019

2 PROJECT AREA SETTING

The Modjeska Bridge is located in Modjeska Canyon near the Cleveland National Forest. The existing bridge is a single span and crosses over Santiago Creek. The Project is located in the eastern portion of Orange County, in the unincorporated community of Modjeska Canyon along Modjeska Canyon Road approximately 0.8 miles east of Santiago Canyon Road (S18), immediately south of the intersection of Santiago Canyon Road and Modjeska Grade Road. Regionally, the bridge is located between the unincorporated community of Silverado approximately 2.75 miles to the north, and the City of Lake Forest about 0.75 miles to the southwest.

2.1 Physical Setting

2.1.1 Topography

Based on the Environmental Data Resources (EDR) GeoCheck® Physical Setting Source Summary (Appendix B), the average elevation of the Project site is 1,272 feet above mean sea level. The United States Geological Survey (USGS), Black Star Canyon, California 7.5-Minute Topographic Quadrangle map was reviewed. The Project area is sloped moderately to the southwest. A copy of the EDR Historical Topographic Map Report is provided in Appendix C.

2.1.2 Regional Geology

The Project is in the Peninsular Ranges Geomorphic Province, which is a group of mountain ranges that run from southern California to the southern tip of the Baja California peninsula. This province is characterized by a series of ranges separated by longitudinal valleys, trending northwest to southeast, subparallel to faults branching from the San Andreas Fault. The trend of topography is similar to the Coast Ranges, but the geology is similar to that of the Sierra Nevada with granitic rock intruding the older metamorphic rocks. The Peninsular Ranges (PR) extend into lower California and are bound on the east by the Colorado Desert Geomorphic Province and the Transverse Ranges to the north. The Los Angeles Basin and the island group (Santa Catalina, Santa Barbara, and the distinctly terraced San Clemente and San Nicolas islands), together with the surrounding continental shelf (cut by deep submarine fault troughs), are included in this province (CGS, 2002).

The PR is comprised of the Santa Ana, San Jacinto, and Laguna Ranges mountains, that contain metamorphosed oceanic rock (marble and schist) and metasedimentary rocks (sandstone and shale). The PR batholith is part of a chain of Mesozoic granitic rock that extends along western North America that formed from subduction of the Pacific plate (oceanic) beneath the continental plate, around 100 million years ago. The rocks in the western region contain mafic igneous rocks (basalt gabbro and andesite) and are older than the eastern region, which contains felsic igneous rocks (granite and granodiorite) and is younger. Saddleback Mountain, is the landmark formed by the two highest peaks in the Santa Ana Mountains and the ridge between them. Resembling a saddle, this formation dominates the County's eastern skyline, and Santiago Peak (5,689 feet) and Modjeska Peak (5,496 feet) are the highest points in the County. The hilly land in southern Orange County is known colloquially as Saddleback Valley.

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The EDR GeoCheck® Physical Setting Source Summary (Appendix B) provided geologic information for the general area of the Project, which was identified as Stratified Sequence of the Mesozoic Era, Cretaceous System, and Upper Cretaceous Series. The Regional Geology Map is provided as Figure 3.

2.1.3 Local Geology and Soils

The Project site is located within marine sedimentary and metasedimentary rocks, described as Upper Cretaceous sandstone, shale, and conglomerate (Ku). The subsurface conditions encountered at the Project site consisted of a mixture of coarse-grained soils, sands, and mostly silty clay from the Riverwash, Cieneba and Sorrento series. These soils extended approximately 6 feet below the ground surface (EDR, 2020).

The EDR GeoCheck® Physical Setting Source Summary Report provided information on three dominant soil compositions in the general vicinity of the Project: the Riverwash, Cieneba, and the Sorrento Series.

- The Riverwash soils do not belong to any particular soil series. Instead, these soils form fans and are a composition of sandy and gravelly alluvium. These soils have negligible runoff and a very low water storage capacity, which results in frequent flooding. These soils have a slope from 0 to 5 percent. Riverwash soils line the Santiago Creek that flows under the Modjeska Canyon Road bridge.
- The Cieneba Series consists of very shallow and shallow, somewhat excessively drained soils that formed in material weathered from granitic rock. The Cieneba Series has low to high runoff with moderately rapid permeability in the soil and much slower permeability in the weathered bedrock. This series is considered extensive. It occurs throughout the coastal mountain ranges in Central and Southern California and in the foothills of the Sierra Nevada. Cieneba soils are often found on hills and mountains and have slopes ranging from 9 to 85 percent.
- The Sorrento Series is characterized by very deep, well-drained soils that formed in alluvium primarily from sedimentary rocks. This series has negligible to medium runoff with moderate to moderately slow permeability depending upon the dominant texture in the lower part of the profile. This soil series is considered extensive and occurs mostly in the valleys of the southern half of the Coast Range in California. The Sorrento Series is often on alluvial fans and stabilized floodplains. These soils typically have a slope ranging from 0 to 15 percent (NRCS, 2020).

2.1.4 Naturally Occurring Asbestos

Naturally occurring asbestos (NOA) can occur in serpentine rock and its parent material, ultramafic rock. These rock types are abundant in the Sierra foothills. The most common forms of naturally occurring fibrous minerals with NOA are chrysotile, actinolite, and tremolite. NOA has not been identified in Orange County. A review of the *General Location Guide for Ultramafic Rocks in California – Areas Likely to Contain Naturally Occurring Asbestos* (CGS, 2000) indicated NOA has not been mapped in the vicinity of the Project area.

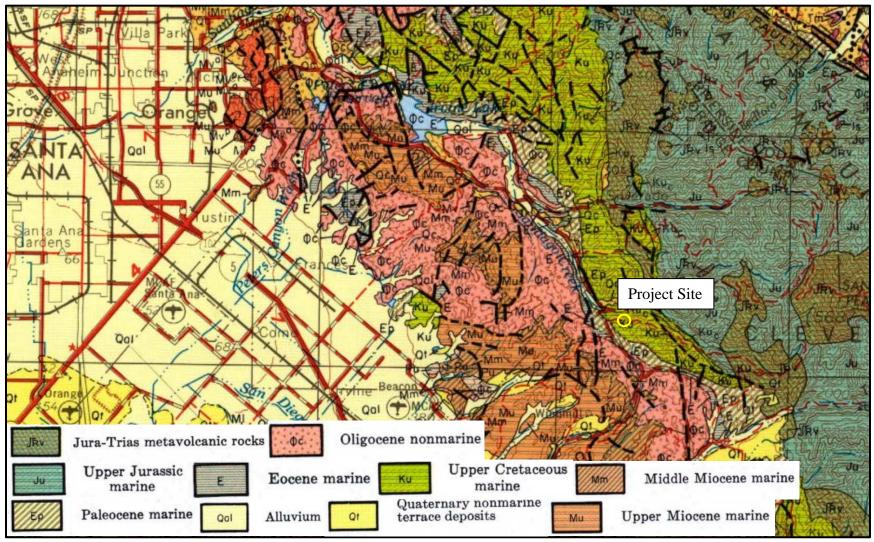


Figure 3. Regional Geology Map

Source: CGS, 2019

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2.1.5 Groundwater Hydrology

The Project area is not located in any defined basin or subbasin according to the Department of Water Resources (DWR). The Project site is bounded by the Coastal Plain of Orange County (8-001) basin on the west, and the Elsinore-Bedford Coldwater subbasin (8-004.02) to the east (DWR, 2020). Much of the water within the Project area is derived from surface water or channeled from other areas.

Based on a review of GeoTracker, the closest site near the Project area is the USA Station #824 (26731 Portola) in Lake Forest, which is approximately 2.5 miles southwest of the Project site. Boring logs from the site indicated depth to groundwater during drilling ranged from 34 feet below ground surface (ft bgs). Monitoring well information indicated depth to groundwater in the wells ranged from 9-19 ft bgs, and flow direction was to the southeast (Montrose Environmental, 2019). The EDR report with the GeoCheck® Physical Setting Source Summary did not identify any state well within a 1-mile radius of the Project site.

2.1.6 Surface Water Hydrology

The Project site is located within the Santa Ana River - Lower Santa Ana River - Santiago Watershed (801.12). The Santa Ana River is the largest watershed drainage south of the Sierra and is located largely in a highly urbanized and regulated setting. The watershed is approximately 100-miles-long and has more than 50 tributary rivers and creeks. The Santa Ana watershed spans parts of San Bernardino, Riverside, and Orange counties, draining approximately 2,840 square miles (Water Education Foundation, 2020).

The river is divided geographically into upper and lower watersheds that are delineated by the 60-year-old Prado Dam, which is a flood-controlled facility located where the river cuts through the Santa Ana Mountains section of the Coast Ranges (Water Education Foundation, 2020).

The Santa Ana watershed drains the Santa Ana River that begins in San Bernardino County and flows west into the Pacific Ocean. The largest tributary rivers include Lytle, Temescal, and Santiago Creeks. Like multiple rivers in this area, the Santa Ana River's stream bed is lined with concrete. Much of the area relies on the Santa Ana River and its tributaries due to the climate in Southern California (Water Education Foundation, 2020).

2.1.7 Current Land Use

The Project area is located in a rural setting surrounded by residential homes on large parcels of undeveloped land. The Project site is located in the eastern central part of Orange County. The proposed bridge replacement staging areas are located to the northwest and southwest of the bridge with corresponding Assessor Parcel Numbers (APN) 105-221-09 and 105-221-26, respectively. The Parcel Map is shown in Figure 4. Project Area Parcel Map.

The Project area is surrounded by residential and undeveloped natural properties:

- To the northwest of the bridge is a property with no address and APN 105-221-09;
- To the north of the bridge is a residential property located at 28331 Modjeska Canyon Road with APN 867-011-02;

- To the northeast of the bridge are two residential properties located at 28401 and 28452 Markuson Road with corresponding APNs 867-011-28 and 867-011-32, respectively;
- To the east-southeast of the bridge is a residential located at 28371 Modjeska Canyon Road with APN 105-221-10, and an adjoining property with no address and APN 867-011-08;
- To the south of the bridge is a residential property located at 28352 Modjeska Road with APN 105-222-06;
- To the southwest of the bridge is a residential property located at 28342 Shadowland Circle with APN 105-221-18; and
- To the west of the bridge are two residential properties located at 28332 and 28222 Shadowland Circle with corresponding APNs 105-221-26 and 105-221-27, respectively.



Figure 4. Project Area Parcel Map

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Source: WRECO/ESRI



3 INITIAL SITE ASSESSMENT

WRECO reviewed the California State Water Resources Control Board's (SWRCB) GeoTracker database, the Department of Toxic Substances Control's (DTSC) EnviroStor database, and the EDR databases and historic maps for information relevant to the potential presence of pollution in the Project area. WRECO also performed a field reconnaissance to evaluate the existing conditions in and near the Project area.

3.1 Records Review

3.1.1 State Water Quality Control Board GeoTracker Database

GeoTracker is the SWRCB's data management system for sites that impact groundwater or have the potential to impact groundwater. GeoTracker's online database contains sites that require groundwater cleanup as well as permitted facilities that could impact groundwater.

A review of the online GeoTracker database listed one record for individual locations within a 1-mile radius of the Project area that coincide with some of the sites identified in the EDR database. According to the SWRCB, there are no known hazardous materials or hazardous waste sites in proximity to the Project area. The GeoTracker sites within 1-mile of the Project area are delineated in Figure 5.

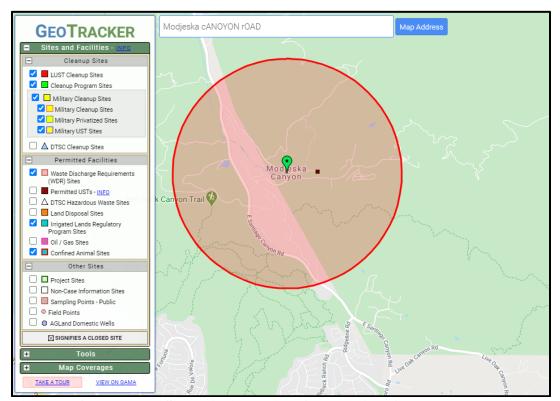


Figure 5. GeoTracker Sites within 1-mile of the Project Area

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3.1.2 Department of Toxic Substances Control EnviroStor Database

The DTSC's EnviroStor database is an online search and Geographic Information System tool for identifying sites that have known contamination or sites that may require further investigation. It also identifies facilities that are authorized to treat, store, dispose, or transfer hazardous waste.

No sites were listed in the online EnviroStor database within 1-mile of the Project area, as shown in Figure 6.

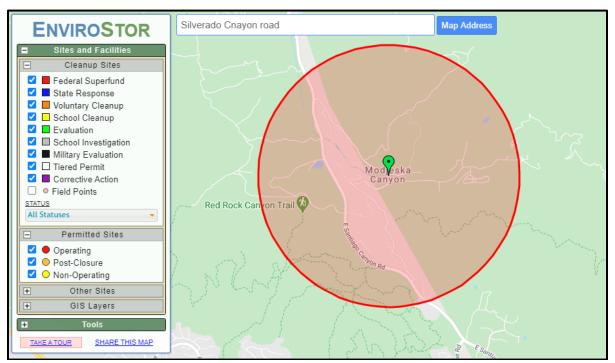


Figure 6. EnviroStor Sites within 1-mile of the Project Area

3.2 EDR Database Record Review

3.2.1 Radius ReportTM with GeoCheck®

In accordance with ASTM Standard E1527-13 and part of the ISA, a computerized radius search of pertinent federal, state, and tribal environmental record databases was performed by EDR of Shelton, Connecticut. The database search was conducted to identify environmental regulatory records associated with the Project area and nearby properties that would indicate environmental conditions (e.g. reported releases of hazardous substances and/or petroleum products), which may have the potential to adversely impact the Project area and surrounding vicinity.

Database listings were reviewed for properties located within a 1-mile radius of the Project area. Database search results produced by EDR were reviewed in conjunction with other records reviewed during this ISA. The Project area (Target Property) was not listed in any of the federal, state, and local databases searched by EDR. Properties located near the Project area that were identified in one or more of the databases searched are discussed below in Table 1.

Table 1 Detabage	Findings Summary	Citag Idantified
- Ladie I. Daladase	r mannes Similiary	– Sues raentinea

Regulatory Database	Search Distance	Target Property	<1/8	1/8 – 1/4	1/4 – 1/2	1/2- 1	>1	Total Plotted
CIWQS	1 Mile	0	1	NR	NR	NR	NR	1
CERS	1 Mile	0	1	NR	NR	NR	NR	1
Total			2	0	0	0	0	1
NOTE: TP = Target Property; NR = Not Requested at this Search Distance								

Multiple federal and state agency database listings were identified within the ASTM-specified search distances from the Project area. A total of two sites were plotted in the EDR Database, with two sites located within a 0.125-mile radius from the Project area. A release resulting from activities at nearby properties can sometimes impact the surrounding properties. Regulatory records concerning nearby properties are reviewed in order to identify a release of hazardous materials which would be expected to impact conditions in the Project area.

To evaluate whether a database address listing represents a REC with respect to the Project area, the following criteria was applied for this ISA:

- The listing must indicate that a hazardous substance release (or spill or discharge) has occurred or is likely to have occurred. In the absence of a release to the environment, it is unlikely that an address listing represents a REC with respect to the Project area.
- The Project area must be located downgradient to the listed address. Local groundwater flow direction is likely to the southeast based on local topography and nearby groundwater information. An address with a known or suspected release must be upgradient and therefore, generally to the northwest of the Project area in order to represent a REC with respect to the Project area. A listed address that is cross- or downgradient with respect to the Project area is unlikely to represent a REC for the Project area.
- A known or suspected release at an off-site location must have affected or must have the potential to affect groundwater flowing toward the Project area.

3.2.2 Project Area

The search identified three properties within a 1-mile radius of the Project area that were listed in the GeoTracker, CIWQS (California Integrated Water Quality System), and CERS (California Environmental Reporting System) State Agency databases. The properties located to the east and north of the bridge were identified in the GeoTracker and EDR databases which are discussed in Table 2.

Table 2. Sites Identified in Regulatory Databases within One Mile of the Project Area

Property Address (Location in Relation to Project Area)	Previous Business Name		Current Use	Pollutants of Concern		Pollution Risk (low, moderate, high)
2891 Modjeska Canyon Road, Silverado, CA 92676 0.25 Miles (1361 ft) east of the Project Area	Orange County Fire Station	GeoTracker	County Fire Station	Leaking underground storage site that leaked diesel fuel.	Closed as of 7/16/1999	Low
Modjeska Canyon Road, Silverado, CA 92676 0.125 Miles (660 ft) north of the Project Area	Modjeska Canyon Road Bridge	CIWQS	Canyon Road Bridge	Historical California Integrated Water Quality System	Close as of 01/25/2010	Low
Modjeska Canyon Road, Silverado, CA 92676 0.125 Miles (660 ft) north of the Project Area	Modjeska Canyon Road Bridge	CERS	Canyon Road Bridge	Wetland – Fill and Dredge Material from the California Environmental Reporting System.	N/A	Low

3.3 Historical Use Information

Information regarding prior uses of the Project area was collected using available historical reference sources. Information related to the historical use of this property and surrounding area was obtained from a review of aerial photographs, historical topographic maps, fire insurance maps, and city directory information provided as part of the EDR report.

3.3.1 Historical Topographic Maps

A historical map report was prepared by EDR and included a search of a collection of public and private topographic maps. Maps dated 1902 (Corona), 1935 (El Toro), 1942 (Santiago Peak), 1949 (El Toro), 1950 (El Toro), 1954 (Santiago Peak), 1968 (El Toro), 1973 (Santiago Peak), 1978 (El Toro), 1981 (El Toro), 1982 (El Toro and Santiago Peak), 1988 (Santiago Peak), 1997 (Santiago Peak and El Toro), and 2012 (Santiago Peak and Lake Forest) were provided for review by EDR. The EDR Historical Topographic Map Report is included as Appendix C, and the summary of the topographic map review is provided in Table 3.

Table 3. Historical Topographic Map Summary

Year	Project Area Use Description/Significant Changes
1902	The area appears rural with only four roads throughout the mapped area.
1935, 1942	Additional roads have been constructed throughout the mapped area, especially to the south. Many structures are constructed along Modjeska Canyon Road and Markuson Road. Approximately 1/3 of the area (1935 map) is unmapped.
1949	The map appears similar to the previous map, however, approximately 1/3 of the area is unmapped.
1950, 1954	The map appears similar to the previous map with additional structures and roads that connect to small residential neighborhoods.
1968, 1973	Additional structures are visible along the roads and in the residential areas. Santiago Canyon Road (S18) has been built to the east of the Project site.
1978	The map appears similar to the previous map with additional structures along Modjeska Canyon road to the west of the Project site; however, approximately one-third of the area is unmapped.
1981	The map appears similar to the previous map; however, in 1981, approximately 1/3 of the area is unmapped; in 1982, additional structures and roads near Santiago Canyon Road (S18) north of the bridge; and in 1988, approximately 2/3 of the area is unmapped and not visible including the bridge.
1997, 2012	The map appears similar to the previous map.

3.3.2 Historical Aerial Photography

Historical site uses can frequently be ascertained from a review of aerial photographs. Aerial photographs of the Project area and surrounding area were provided by EDR for the following years: 1938, 1946, 1949, 1952, 1967, 1974, 1985, 1989, 1990, 1994, 2005, 2009, 2012, and 2016. The EDR Aerial Photo Decade Package is included in Appendix D, and a summary of the aerial photograph review is provided in Table 4.

Table 4. Historical Aerial Photograph Summary

Year	Source	Project Area Use Description/Significant Changes
1938	USDA, 1" = 500'	The area appears rural with some agricultural fields but largely open space likely used for grazing. Approximately four structures are visible throughout the photograph and about five roads.
1946, 1949	USGS, $1" = 500$ '	The photograph appears similar to the previous photograph.
1952	USDA, 1" = 500'	A new road was built to the southwest of the Project site and what appear to be residential homes/properties were built to the east of the Project site.
1967	USGS, 1" = 500'	Several roads were built, primarily to the south of the Bridge. Santiago Canyon Road (S18) is under construction, to the southwest of the Bridge. Additional structures built east of the Bridge.
1974	USGS, $1" = 500$ '	The photograph appears similar to the previous photograph.
1985	USDA, 1" = 500'	Most of the air photo is not visible; More development to the east of the Bridge.
1989	USDA,1" = 500'	Additional development throughout the site was observed, primarily to the southwest (where multiple large homes were built along the roads) and northwest of the Project site. Several roads were added to the north and northeast of the Project site.
1990	USDA,1" = 500'	The photograph appears similar to the previous photograph.
1994	USGS/DOQQ, 1" = 500'	More homes were constructed to the southwest of the Project site and further development of the adjoining properties to the southwest and northeast of the Project site.
2005	USDA/NAIP 1" = 500'	The photograph appears similar to the previous photograph with more housing built to the northeastern adjoining area and southern area of the Project site.
2009	USDA/NAIP 1" = 500'	Additional development throughout the photographed area, primarily the neighborhood to the west southwest of the Project site.
2012, 2016	USDA/NAIP 1" = 500'	The photograph appears similar to the previous photograph.

3.3.3 Sanborn Fire Insurance Maps

Fire insurance maps (Sanborn Maps) are used to determine fire hazards and were produced for most urban areas beginning in the late 1800s. EDR searched for Sanborn Maps for the Project area and none were found. The Certified Sanborn® Map Report is included as Appendix E.

3.3.4 City Directory Review

Historical use near the Project area can be inferred from previous companies that may have operated at and in nearby facilities for the Project footprint. The Project area had listings in the research source (Haines Criss-Cross Directory and the EDR Digital Archive) for the years 1973 to 2014. The EDR City Directory Image Report is provided in Appendix F. A summary of the historical city directory records researched in proximity of the Project area is summarized in Table 5.

Modjeska Canyon Road Bridge (No. 55C-0172) Replacement Project Orange County, California

Table 5. 0	City 1	Directory	Review	Summary
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Date Range	Description		
2014	Modjeska Canyon Road – 28642 – Rsse Structural Engineers.		
2005	Modjeska Canyon Road – 29371 – Construction and Development Management I.		
1995	Modjeska Canyon Road – 28728 – Assembly Systems Engineering.		
1987	Modjeska Canyon Road – 28592 – Kersh Signs; 29122 – Sandlin Sons and Company;		
	29257 – Cooksmith Landscaping.		
1982	Modjeska Canyon Road – 28642 – Newell Carpentry.		
1976	Modjeska Canyon Road – 28592 – Kersh Signs; 28642 – Newell Carpentry.		
1973	Modjeska Canyon Road – 28592 – Kersh Signs.		

3.3.5 Local Agency Records Search

WRECO searched the Orange County Department for Public Records online and did not find any sites located within the vicinity of the Project area.

3.4 Reconnaissance of the Project Area and Vicinity

On July 16, 2019, a site reconnaissance was performed by BBC Environmental, Inc. (BBC). The general site setting appeared consistent with the documented historical uses. The site is a rural area that has been used as grazing, wooded areas, residential use, and minor agriculture. The area remains predominantly comprised of dense natural forest areas, despite an increase in residential homes. Photographs from the site reconnaissance are provided in Appendix G. The Caltrans ISA Checklist is provided in Appendix H.

From the site reconnaissance, potential RECs within the Project area include:

- Structural elements of the bridge may contain ACM in the concrete, caulking connecting parts of the bridge, and the concrete supports beneath the bridge;
- LBP in the yellow traffic striping as well as on the painted wood metal railings on the north and south sides of the bridge; and
- Potential ADL in exposed soil along the roadway, south of the bridge, from historical vehicle emissions during the leaded gasoline era.
- Historical agricultural practices to the southwest (pesticides, metals), adjoining property to the bridge, could have potential impact on the soil in the creek;
- Utility poles along the roadway may contain metals (arsenic, chromium, and copper) petroleum hydrocarbons (creosote), and pentachlorophenol; and
- Pole-mounted transformers on the utility poles may have potential polychlorinated biphenyls (PCB).

3.5 ISA Findings and Recommendations

According to historical records, the Project area has been used for residential and natural forest use, with some minor agricultural uses. There is little development in the area beyond the number of residential homes. The Project area has always been a rural setting with dense forest.

Based on the findings of the ISA, a Preliminary Site Investigation (PSI) is recommended for the Bridge/Project area. The ISA identified several potential RECs, summarized in Table 6.

Table 6. Summary of RECs and Recommendations

Description	Evidence of REC Found	Recommended Actions
Agricultural Fields	Due to agricultural use of the land to the southwest, organochlorine pesticides (OCP), organophosphorus pesticides (OPP), and heavy metals may be present within soil in Santiago Creek.	PSI: -Soil sampling for OCP, OPP and heavy metals.
ADL	There is potential for elevated levels of lead in exposed soil from historical vehicle emissions, since leaded gasoline was used through the 1970s and the shoulders of the roadway, south of the bridge, may contain ADL.	PSI: -Soil sampling for total lead.
Utility Poles and Pole-mounted Transformers	Treated wood poles (utility poles) along the side of the road may contain a variety of chemicals (arsenic, chromium, copper, creosote, and pentachlorophenol) that can runoff and impact soil. Pole-mounted transformers located to the northeast of the bridge, may contain PCBs and metals.	PSI: -Soil sampling for PCBs, pentachlorophenol, creosote, and heavy metals. (If utility poles will be moved or replaced, abate transformers prior to construction)
Existing Bridge Structure May Contain LBP and ACM	Due to the age of the bridge, there is potential for LBP and ACM within the structure, and the potential for LBP associated with traffic striping.	PSI: -Structural elements sampling for LBP and ACM.

4 LIMITATIONS

The scope of an ISA is limited to anecdotal and visual evidence of potential RECs and does not include verification of RECs based upon environmental testing. The ISA for the Modjeska Canyon Road Bridge Replacement Project located in Orange County, California, was performed in general accordance with Caltrans standards and AAI procedures and guidelines. All readily available materials pertaining to the Project area were reviewed to prepare this document. Opinions given in this ISA report, relative to the potential for hazardous materials to exist within the Project area, are based on the information derived from the site reconnaissance conducted on July 16, 2020, and from other research information and sources described herein.

As is the case for any project that proposes excavation, the potential exists for unknown hazardous contamination to be revealed during Project construction. The ISA is not a site investigation to prove that the Project area is environmentally devoid of hazardous or toxic materials. Information and data were provided by presumably competent third parties with knowledge about the site and surrounding areas.

This ISA consists of professional opinions and recommendations made in accordance with generally accepted environmental principles and practices. The conclusions are based upon an evaluation of the information gathered and general observations of conditions prevalent at the Project area during the site visit. This ISA does not otherwise provide any implied or expressed guarantees regarding the characteristics or conditions of environmental media at the Project area. Readily available public information sources were reviewed and presumed to provide complete and accurate information, without independent verification. The findings and conclusions in this report are based solely on the limited scope of an ISA, and it is not warranted that the Project area does not contain hazardous materials or petroleum hydrocarbon releases in areas not identified in this report.

This ISA is not intended to identify ALL hazards or unsafe conditions or to imply that others do not exist. This assessment was planned and implemented based on a mutually agreed scope of work and WRECO's experience in performing this type of assessment. WRECO has performed this assessment in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. WRECO shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time that this survey was conducted.

WRECO states that no warranties, expressed or implied are made regarding the quality, fitness, or results to be achieved because of this report or impacted by information not properly disclosed to WRECO at the time of this report. No responsibility is assumed for the control or correction of conditions or practices existing at the Project area.

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5 REFERENCES

- American Society for Testing and Materials International (ASTM). 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; ASTM E1527-13.
- California Department of Toxic Substances Control (DTSC). 2019. EnviroStor Database Online. http://www.envirostor.dtsc.ca.gov/public (Last accessed: June 23, 2020).
- California Department of Transportation (Caltrans). 2019. Bridge Inspection Records Information System (BIRIS) Report. Structure Maintenance and Investigations. 55C0172 Santiago Creek.
- Caltrans. 2006. *Caltrans Standard Environmental Reference Environmental Handbook, Volume 1, Chapter 10,* "Hazardous Materials, Hazardous Waste, and Contamination." http://www.dot.ca.gov/ser/vol1/sec3/physical/ch10haz/chap10.htm>. Last Updated: Tuesday, June 21, 2016 10:43 AM. (Last accessed: June 23, 2020).
- -----. 1999. Project Development Procedures Manual: Appendix DD: Preparation Guidelines for Initial Site Assessment (ISA) Checklist for Hazardous Waste.
- California Geological Survey (CGS). 2000. General Location Guide for Ultramafic Rocks in California Areas Likely to Contain Naturally Occurring Asbestos (CGS Open-file Report 2000-19, 2000).
- CGS. 2002. California Geological Survey, California Geomorphic Provinces, Note 36, Revised December 2002.
- California Department of Water Resources (DWR). 2020. *Groundwater Basin Boundary Assessment Tool*. https://gis.water.ca.gov/app/bbat/ (Last accessed: July 1, 2020).
- Environmental Data Resources (EDR), Inc. 2020. The EDR Radius Map™ Report with GeoCheck®, Modjeska Canyon Road, Silverado, CA 92676. Inquiry No. 6098671.2s. June 19, 2020.
- EDR. 2020. Certified Sanborn® Map Report, Modjeska Canyon Road, Silverado, CA 92676. Inquiry No. 6098671.3. June 19, 2020.
- ----. 2020. EDR Historical Topographic Map Report with QuadMatchTM, The EDR Radius MapTM Report with GeoCheck®, Modjeska Canyon Road, Silverado, CA 92676. Inquiry No. 6098671.4. June 19, 2020.
- ----. 2020. The EDR-City Directory Image Report, Modjeska Canyon Road, Silverado, CA 92676. Inquiry No. 6098671.5. June 25, 2020.

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- ----. 2020. The EDR Aerial Photo Decade Package, Modjeska Canyon Road, Silverado, CA 92676. Inquiry No. 6098671.8. June 19, 2020.
- Montrose Environmental. 2019. Revised Second Semi-Annual 2018 Groundwater Monitoring Report. Former Palisades Gas and Wash Station No. 824, 26731 Portola Parkway, Lake Forest, California. (Chris Guesnon/Dane Nygaard). https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/4624670207/T10000005936.PDF> (Last accessed: July 1, 2020).
- Natural Resources Conservation Service (NRCS). 2020. United States Department of Agriculture (USDA). https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx (Last accessed: June 22, 2020).
- Orange County Public Records Request. 2020. https://orangecounty.nextrequest.com/ (Last accessed: June 22, 2020).
- Orange County Public Works Department. 2020. *County of Orange Maps*. https://www.ocgis.com/ocpw/landrecords/ (Last accessed: June 22, 2020).
- Property Shark. 2020. Orange County Maps.https://www.propertyshark.com/mason/ca/Orange-County/Maps (Last accessed: June 23, 2020).
- State Water Resources Control Board (SWRCB). 2020. GeoTracker Database. https://geotracker.waterboards.ca.gov/ (Last accessed: June 22, 2020).
- United States Code. 1980. Title 42 Chapter 103. Comprehensive Environmental Response, Compensation, and Liability Act of 1980. (Superfund). 42 U.S.C. §§9601-9675. Public Law 96–561, title II, § 238(b). December 22. Online: https://www.govtrack.us/congress/bills/96/hr7020 (Last accessed: June 23, 2020).
- United States Environmental Protection Agency (EPA). 2015. Standards and Practice for All Appropriate Inquires (AAI). Title 40. Electronic Code of Federal Regulations. Part 312; http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr312_main_02.tpl. (Last accessed: June 23, 2020).
- Unites States Geological Survey (USGS). 2018. *US Topo 7.5-Minute Map for Black Star Canyon, CA*. September 21, 2018. https://catalog.data.gov/dataset/usgs-us-topo-7-5-minute-map-for-black-star-canyon-ca-2018>(Last accessed: June 23, 2020).
- Water Education Foundation. 2020. *Santa Ana River*. https://www.watereducation.org/aquapedia/santa-ana-river (Last accessed: June 22, 2020).

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Appendix A Preliminary Environmental Screening Signed October 26, 2017

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EXHIBIT 6-A PRELIMINARY ENVIRONMENTAL STUDY (PES)

Federal Project No.: BRLO-5955(094) (Federal Program Prefix-Project No., Agree						Fina	ıl Des	sign:	9/2018 (Expected Start Date)
To:	Monroe John	son			From:	Orange Co	ounty	Pub	lic Works
		istrict Local Assistance Eng	ineer)						Local Agency)
	Caltrans Dist	rict 12				Wei Zhu,	PE, P	MP	714.647.3976
		(District)				(Pro	ject M	lanage	er's Name and Telephone No.)
	1750 East 4th	Street, Suite 100				300 N. Flo	wer S	Stree	t Santa Ana, CA 92703
		(Address)				(Address)			
	Santa Ana, C	A 92705			11	wei.zhu@ocpw.ocgov.com			
		(Email Address)						(Email Address)
	is Project "ON e Highway Sys	<u> </u>							ct Local Assistance Engineer tal documentation.
Fede	ral State Trans	sportation Improveme	nt Pr	ogra	m 01/05/20	17			Amendment No. 17-04
		dot.ca.gov/hq/transpro				y Adopted Pla	n Date)	(Page No.11&12 attach to this
http:/	/www.dot.ca.g	ov/hq/transprog/oftmp.	htm						form)
Prog	ramming	Proliminan, Engineer	ina		Diaht a	f May			Construction
	STIP:	Preliminary Engineer 15/16 \$	iliy		Right o	0 vvay			19/20 \$
	(F)	scal Year) (Dolla	ars)	-0 -2	(Fiscal Year)	(Dollars)		(Fiscal Year) (Dollars)
Progr	Project Description as Shown in RTP and FSTIP: Grouped projects for Bridge Rehabilitation and Reconstruction – HBP Program – Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories – Widening narrow pavements or reconstructing bridges (no additional travel lanes).								
		escription: The Mod I project description. S				Project (B	ridge	No.	55C-0172). Refer to the notes
Does or lay	yout including a					priate boxes			neate on an attached map, plan,
Yes	☐ Widen exis ☐ Increase nu ☐ New alignr	creasing—other		Nº	Ground disturbat Road cut/fill Excavation: anti- maximum depth	cipated (50 ft.)	Yes	No	Easements Equipment staging Temporary access road/detour Utility relocation Right of way acquisition
		nt (potential) reet closure			Drainage/culvert Flooding protect Stream channel	ion		\boxtimes	(if yes, attach map with APN) Disposal/borrow sites
	Dilage Wol			\boxtimes	Pile driving			\boxtimes	Part of larger adjacent project
\boxtimes	☐ Vegetation ☐ Tree remov		\boxtimes		Demolition				Railroad

_	Required Attachments:								
(No	Regional map Project location map APN map Project footprint map (existing/proposed right of way) Engineering drawings (existing and proposed cross sections), if available Borrow/disposal site location map, if applicable (Note: all maps (except project location map and regional maps) should be consistent with the project description (minimum scale: 1" = 200').)								
\boxtimes	Notes to support the conclusions of this checklist/project description continuation page (attached)								
The incl	Examine the project for potential effects on the environment, direct or indirect and answer the following questions. The "construction area," as specified below, includes all areas of ground disturbance associated with the project, including staging and stockpiling areas and temporary access roads. Each answer must be briefly documented on the "Notes" pages at the end of the PES Form.								
Α.	Potential Environmental Effects	Yes	To Be Determined	No					
Ge	neral								
1.	Will the project require future construction to fully utilize the design capabilities included in the proposed project?								
2.	Will the project generate public controversy?			\boxtimes					
No	ise								
3.	Is the project a Type I project as defined in 23 CFR 772.5(h); "construction on new location or the physical alteration of an existing highway, which significantly changes either the horizontal or vertical alignment or increases the number of through-traffic lanes"?								
4.	Does the project have the potential for adverse construction-related noise impact? (such as related to pile driving)?		\boxtimes						
Air	Quality								
5.	Is the project in a NAAQS non-attainment or maintenance area?	\boxtimes							
6.	Is the project exempt from the requirement that a conformity determination be made? (If "Yes," state which conformity exemption in 40 CFR 93.126, Table 2 applies): Projects that correct, or eliminate a hazardous location or feature under the "Safety" category.	\boxtimes							
7.	Is the project exempt from regional conformity? (If "Yes," state which conformity exemption in 40 CFR 93.127, Table 3 applies):								
8.	If project is not exempt from regional conformity, (If "No" on Question #7)								
	Is project in a metropolitan non-attainment/maintenance area?								
	Is project in an isolated rural non-attainment area?								
	Is project in a CO, PM10 and/or PM2.5 non-attainment/maintenance area?								
Ha	zardous Materials/Hazardous Waste								
9.	Is there potential for hazardous materials (including underground or aboveground tanks, etc.) or hazardous waste (including oil/water separators, waste oil, asbestos-containing material, lead-based paint, ADL, etc.) within or immediately adjacent to the construction area?								
Wa	ter Quality/Resources			· · · · · · · · · · · · · · · · · · ·					
10.	Does the project have the potential to impact water resources (rivers, streams, bays, inlets, lakes, drainage sloughs) within or immediately adjacent to the project area?	\boxtimes							
11.	Is the project within a designated sole-source aquifer?			\boxtimes					
Co	astal Zone								
12.	Is the project within the State Coastal Zone, San Francisco Bay, or Suisun Marsh?			\boxtimes					
Flo	odplain								
13.	Is the construction area located within a regulatory floodway or within the base floodplain (100-year) elevation of a watercourse or lake?	\boxtimes							
Wil	d and Scenic Rivers								
14.	Is the project within or immediately adjacent to a Wild and Scenic River System?			\boxtimes					

Bi	ological Resources							
15	. Is there a potential for federally liste essential fish habitat to occur within	\boxtimes						
16.	Does the project have the potential to eggs (such as vegetation removal, be	\boxtimes						
17.	Is there a potential for wetlands to or					\boxtimes		
18.	Is there a potential for agricultural w	etlands to	occur within or adjacen	t to the con	struction area?			\boxtimes
19.	Is there a potential for the introduction	on or sprea	d of invasive plant spec	cies?				\boxtimes
Se	ctions 4(f) and 6(f)							
20.	Are there any historic sites or public refuges (Section 4[f]) within or imm	l y owned p ediately ac	ublic parks, recreation jacent to the constructi	areas, wildi on area?	ife or waterfowl			
	Does the project have the potential to Conservation Fund Act (Section 6[f]	affect pro) funds?	perties acquired or imp	roved with	Land and Water			\boxtimes
Vis	ual Resources							
22.	Does the project have the potential to	affect any	visual or scenic resour	ces?				\boxtimes
Re	location Impacts							
23.	Will the project require the relocation	n of resider	ntial or business propert	ties?		П	П	\boxtimes
Lar	nd Use, Community, and Farmlar	nd Impac	ts					
24.	. Will the project require any right of way, including partial or full takes? Consider construction easements and utility relocations.							
25.	Is the project inconsistent with plans			П	\boxtimes			
26.	Does the project have the potential to divide or disrupt neighborhoods/communities?						П	\boxtimes
	7. Does the project have the potential to disproportionately affect low-income and minority populations?							
28.	3. Will the project require the relocation of public utilities?						П	П
29.	9. Will the project affect access to properties or roadways?							
30.	Will the project involve changes in ac	ol to the State Highway	System (S)	HS)?				
	Will the project involve the use of a te			\boxtimes				
32.	Will the project reduce available park	ing?						
33.	Will the project construction encroach	on state o	r federal lands?					
34.	Will the project convert any farmland	to a differe	ent use or impact any fa	ırmlands?				\boxtimes
	tural Resources							
35.	Is there National Register listed, or po resources within or immediately adjac (Note: Caltrans PQS answers questio.	cent to the	igible historic propertie construction area?	es, or archae	eological			
36.	Is the project adjacent to, or would it e	150	ı Tribal land?					\boxtimes
	sections B, C, and D, check approp			echnical s	tudies, coordinati	on nermits	or approx	/als
<u></u> В.	Required Technical Studies		oordination	D.		— permits	, or approv	
	and Analyses	0. 0.	oramation	D.	Anticipated Actions/Perr	nits/Appro	vals	
	Traffic							
	Check one:	_						
	Traffic Study		ltrans		Approval			
	☐ Technical Memorandum ☐ Discussion in ED Only		ltrans		Approval			
\boxtimes	Noise	∐ Ca	ltrans		Approval			
-14	Check as applicable:							
	as approxime.							

Exhibit 6-A			
Preliminary	Environmental	Study	(PES) Form

Local Assistance Procedures Manual

	☐ Traffic Related					
	Construction Related					
	Check one:					
	☐ Noise Study Report	$ \Box$	Caltrans		Approval	
	□ NADR	甘青	Caltrans	ᆂ	Approval	
	Technical Memorandum	市	Caltrans	+	Approval	
	☐ Discussion in ED Only		Caltrans		Approval	
\boxtimes	Air Quality	1			- PP	
	Check as applicable:					
	☐ Traffic Related					
	☐ Construction Related					
	Check one:					
	☐ Air Quality Report		Caltrans		Approval	
	☐ Technical Memorandum		Caltrans		Approval	
	Discussion in ED Only		Caltrans		Approval	
			FHWA		Conformity Finding (23 USC 327 CEs, EAs, EISs)	
			Caltrans		Conformity Finding (23 USC 326 CEs)	
			Regional Agency		PM10/PM2.5 Interagency Consultation	,
\boxtimes	Hazardous Materials/					
	Hazardous Waste					
	Check as applicable:					
	☐ Initial Site Assessment (Phase 1)		Caltrans		Approval	
	Preliminary Site Assessment (Phase 2)		Caltrans		Approval	
	☐ Discussion in ED Only		Caltrans		Approval	
			Cal EPA DTSC		Review Database	
			Local Agency		Review Database	
\boxtimes	Water Quality/Resources					
	Check as applicable:					
	☐ Water Quality Assess. Report		Caltrans		Approval	
	☐ Technical Memorandum		Caltrans		Approval	
	☐ Discussion in ED Only		Caltrans		Approval	
	Sole-Source Aquifer					
	(Districts 5, 6 and 11)		EPA (S.F. Regional Office)		Approval of Analysis in ED	
	Coastal Zone		CCC		Coastal Zone Consistency Determination	

В.	Required Technical Studies	C.	Coordination	D.	Anticipated
	and Analyses				Actions/Permits/Approvals
\square	Floodplain				
	Check as applicable:				
	Location Hydraulic Study		Caltrans		Approval
	Floodplain Evaluation Report		Caltrans		Approval
	Summary Floodplain Encroachment Report		Caltrans		Approval
			Caltrans		Only Practicable Alternative Finding
			FHWA		Approves significant encroachments and concurs in Only Practicable Alternative
_					Findings
	Wild and Scenic Rivers		River Managing Agency		Wild and Scenic Rivers Determination
\boxtimes	Biological Resources				
	Check as applicable:				
			Caltrans		Approval
	☐ NES				
	□ BA		Caltrans		Approves for Consultation
			USFWS		Section 7 Informal/Formal Consultation
			NOAA Fisheries		
	☐ EFH Evaluation		NOAA Fisheries		MSA Consultation
	☐ Bio-Acoustic Evaluation		NOAA Fisheries		Approval
	☐ Technical Memorandum		Caltrans		Approval
	Wetlands				
	Check as applicable:				
	☐ WD and Assessment		Caltrans		Approval
			ACOE		Wetland Verification
			NRCS		Agricultural Wetland Verification
			Caltrans		Wetlands Only Practicable Alternative Finding
	Invasive Plants		ř.		
	☐ Discussion in ED Only		Caltrans		Approval
	Section 4(f)				
	Check as applicable:				
			Caltrans		Determine Temporary Occupancy
	☐ De minimis		Caltrans		De minimis finding
	☐ Programmatic 4(f) Evaluation		Caltrans		Approval
	Type:				
	☐ Individual 4(f) Evaluation		Caltrans	П	Approval
			Agency with Jurisdiction		
			SHPO		
	9		DOI		
			HUD		
			USDA		

_					
В.	Required Technical Studies and Analyses	C.	Coordination	D.	Anticipated Actions/Permits/Approvals
	*				
	Section 6(f)				
			Agency with Jurisdiction		
			NPS		Determines Consistency with Long-Term
					Management Plan
			NPS		Approves Conversion
	Visual Resources				
	☐ Technical Memorandum		Caltrans		Approval
	Minor VIA		Caltrans		Approval
	☐ Moderate VIA		Caltrans		Approval
	☐ Advance/Complex VIA		Caltrans		Approval
	Relocation Impacts			_	
	Check one:				
	☐ Relocation Impact Memo		Caltrans		Approval
	Relocation Impact Study		Caltrans		Approval
	☐ Relocation Impact Report		Caltrans		Approval
\boxtimes	Land Use and				
	Community Impacts				
	Check one:				
	☐ CIA		Caltrans		Approval
	☐ Technical Memorandum		Caltrans		Approval
	☐ Discussion in ED Only		Caltrans		Approval
	Construction/Encroachment				
	on State Lands				
	Check as applicable:				
	☐ SLC Jurisdiction		SLC		SLC Lease
	☐ Caltrans Jurisdiction		Caltrans		Encroachment Permit
	SP Jurisdiction		SP		Encroachment Permit
	Construction/Encroachment			+-	
	on Federal Lands				
			Federal Agency with		Encroachment Permit
			Jurisdiction		
	Construction/Encroachment		Bureau of Indian Affairs		Right of Way Permit
14	On Indian Trust Lands				·
	Farmlands				
	Check one:				
	☐ CIA		Caltrans		Approval
	Technical Memorandum		Caltrans		Approval
	☐ Discussion in ED Only		Caltrans		Approval
	Check as applicable:				
	Form AD 1006		NRCS		Approves Conversion
	4		CDOC		Approves Conversion
	Conversion to Non-Agri Use		ACOE		

В.	Required Technical Studies and Analyses	C.	Coordination	D.	Anticipated Actions/Permits/ Approvals
Ø	Cultural Resources (PQS completes this section) Check as applicable: APE Map		Caltrans PQS Caltrans PQS and DLAE Local Preservation Groups and/or Native American Tribes Caltrans		Screened Undertaking Approves APE Map Provides Comments Regarding Concerns with Project Approves for Consultation
	MASR HRER FAPPLICA	BL	E		
	Finding of Effect Report		Caltrans		Concurs on No Effect, No Adverse Effect with Standard Conditions
			SHPO		Letter of Concurrence on Eligibility, No Adverse Effect without Standard
	☐ MOA		Caltrans		Approves MOA
			SHPO		Approves MOA
			ACHP (if requested)		Approves MOA
\boxtimes	Permits				
	Copies of permits and a list of	\boxtimes	ACOE	\boxtimes	Section 404 Nationwide Permit
	mitigation commitments are	\boxtimes	ACOE		Section 404 Individual Permit
	mandatory submittals following NEPA approval.		Caltranş/ACOE/EPA USFWS NOAA Fisheries		NEPA/404 Integration MOU
			ACOE .		Rivers and Harbors Act Section 10 Permit
			USCG		USCG Bridge Permit
		\boxtimes	RWQCB	\boxtimes	Section 401 Water Quality Certification
		\boxtimes	CDFG		Section 1602 Streambed Alteration Agreement
		\boxtimes	RWQCB		NPDES Permit
			CCC		Coastal Zone Permit
			Local Agency		
	-		BCDC		BCDC Permit

Notes: Additional studies may be required for other federal agencies.

ACHP	=	Advisory Council on Historic Preservation	HRER	=	Historical Resources Evaluation Report
ACOE	=	U.S. Army Corps of Engineers	HUD	=	
ADL	=	Aerially Deposited Lead	MOA	=	Memorandum of Agreement
APE	=	Area of Potential Effect	MSA	=	Magnuson-Stevens Fishery Conservation and
APN	=	Assessor Parcel Number			Management Act
ASR	=	Archaeological Survey Report	NEPA	=	
BA	=	Biological Assessment	NADR	=	Noise Abatement Decision Report
BCDC	=	Bay Conservation and Development Commission	NES	=	Natural Environment Study
BE	=	Biological Evaluation	NHPA	=	National Historic Preservation Act
ВО	=	Biological Opinion	NOAA	=	National Oceanic and Atmospheric Administration
Cal EPA	=	California Environmental Protection Agency	NMFS		National Marine Fisheries Service
CCC	=	California Coastal Commission	NPDES	=	National Pollutant Discharge Elimination System
CDFG	=	California Department of Fish and Game	NPS	=	National Park Service
CDOC	=	California Department of Conservation	NRCS	=	Natural Resources Conservation Service
CE	=	Categorical Exclusion	PM10	=	Particulate Matter 10 Microns in Diameter or Less
CIA	=	Community Impact Assessment	PM2.5	=	Particulate Matter 2.5 Microns in Diameter or Less
CWA	=	Clean Water Act	PMP	=	Project Management Plan
DLAE	=	District Local Assistance Engineer	PQS	=	Professionally Qualified Staff
DOI	=	U.S. Department of Interior	ROD	=	Record of Decision
DTSC	=	Department of Toxic Substances Control	RTIP	=	Regional Transportation Improvement Program
EA	=	Environmental Assessment	RTP	=	Regional Transportation Plan
ED	=	Environmental Document	RWQCB	=	Regional Water Quality Control Board
EFH	=	Essential Fish Habitat	SER	=	Standard Environmental Reference
EIS	=	Environmental Impact Statement	SEP	=	Senior Environmental Planner
EPA	=	U.S. Environmental Protection Agency	SHPO	=	State Historic Preservation Officer
	=	Federal Emergency Management Agency	SLC	=	State Lands Commission
FHWA	=	Federal Highway Administration	SP	=	State Parks
FONSI	=	Finding of No Significant Impacted	TIP	=	Transportation Improvement Program
FTIP	=	Federal Transportation Improvement Program	USCG	=	U.S. Coast Guard
HPSR	=	Historic Property Survey Report	USDA	=	U.S. Department of Agriculture
			USFWS	=	U.S. Fish and Wildlife Service
			WD	=	Wetland Delineation

E.	Preliminary Environmental Document Classification (NEPA)							
	Based on the evaluation of the project, the environmental document to be developed should be: Check one:							
	Environmental Impact Statement (Note: Engagement with participating agencies in accordance with 23 USC 139 required) Compliance with 23 USC 139 regarding Participating Agencies required Complex Environmental Assessment Routine Environmental Assessment Categorical Exclusion without required technical studies. Categorical Exclusion with required technical studies							
	(if Categorical Exclusion is selected, check one of the following):							
	 Section 23 USC 326 □ 23 CFR 771 activity (c)(28) □ 23 CFR 771 activity (d) (13) □ Activity listed in the Section 23 USC 326 							
	Section 23 USC 327							
F.	Public Availability and Public Hearing							
	Check as applicable:							
	Not Required							
	Notice of Availability of Environmental Document							
	Public Meeting							
	Notice of Opportunity for a Public Hearing							
	Public Hearing Required							
G.	Signatures							
	Local Agency Staff and/or Consultant Signature							
	12.01							
_	(Signature of Preparer) 09.18.17 714.667 1632							
	(Signature of Preparer) (Date) (Telephone No.)							
	(Name)							
	Ocal Aganov Project Engineer Claustone							
	Local Agency Project Engineer Signature							
	This document was prepared under my supervision, according to the Local Assistance Procedures Manual Exhibit 6-B							
	AND THE CONTRACTOR OF THE PROPERTY AND T							
	This document was prepared under my supervision, according to the Local Assistance Procedures Manual, Exhibit 6-B, "Instructions for Completing the Preliminary Environmental Study Form."							
	This document was prepared under my supervision, according to the Local Assistance Procedures Manual Exhibit 6-B							

Caltrans District Professionally Qualified Staff (PQS) Signature							
Project does not meet definition of an "undertaking"; no further review is necessary under Section 106 ("No" Section A, #35).							
Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA and based on the information provided in the PES Form, the project does not have the potential to affect historic properties ("No" Section A, #35).							
Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA, but the following additional procedures or information is needed to determine the potential for effect ("To Be Determined" Section A, #35): Records Search							
Project meets the definition of an "undertaking"; all properties in the project area are exempt from evaluation per Attachment 4 of the Section 106 PA ("No" Section A, #35).							
The proposed undertaking is considered to have the potential to affect historic properties; further studies for 106 compliance are indicated in Sections B, C, and D of this PES Form ("Yes" Section A, #35).							
January Alaman John John John John John John John Joh							
The following signatures are required for all CEs, routine and complex EAs, and EISs:							
Caltrans District Senior Environmental Planner (or Designee) and DLAE Signatures I have reviewed this Preliminary Environmental Study (PES) Form and determined that the submittal is complete and sufficient. I concur with the studies to be performed and the recommended NEPA Class of Action.							
(Signature of Senior Environmental Planner or Designee) (Name) 10/26/17 (57-328-6/39) (Date) (Telephone No.)							
(Signature of District Local Assistance Engineer or Designee) Tifini Tran (Name)							
HQ DEA Environmental Coordinator concurrence Email concurrence attached.							

Preliminary Environmental Investigation

Notes to Support the Conclusions of the PES Form

(May Also Include Continuation of Detailed Project Description)

DETAILED PROJECT DESCRIPTION (continued from page 6-73)

Purpose and Need. Caltrans' Structures Maintenance and Investigations (SM&I) stated the Modjeska Canyon Bridge (Bridge No. 55C-0172) is eligible for replacement due to the fact that its Sufficiency Rating (SR) is less than 80 (SR=34.3) and that is also has been flagged as Structurally Deficient (SD).

The Modjeska Canyon Road Bridge, constructed in 1935, provides the main access for approximately 220 homes in Modjeska Canyon, the Modjeska Fire Station, the Tucker Wildlife Sanctuary, the Modjeska Canyon Nature Preserve, and visitors to the Helena Modjeska Historic House and Gardens. It is critical to keep the bridge in service and avoid potential deficiencies that would take the bridge out of service. Seasonal floods and wild fires occur in the Santa Ana Mountains that affect this community and quick emergency access from the Canyon is necessary during such events. In 2007, the Santiago Fire forced evacuation of residents of Modjeska Canyon and their principal means of evacuation was across this bridge. The road distance from this bridge to Santiago Canyon Road (County Road S18) is approximately 0.80 miles. Modjeska Grade Road provides the only alternate access for Modjeska Canyon and evacuees would be required to traverse approximately 1.40 road miles before reaching Santiago Canyon Road.

A public outreach was held on April 10, 2014 at Orange County Fire Station No. 16 and was open to the public. The purpose of this meeting was to obtain comments on the bridge closure and detour. Additional public outreach will be conducted throughout the design phase.

Project Location and Limits. The bridge is located in the unincorporated community of Modjeska Canyon along Modjeska Canyon Road approximately 0.40 miles (0.80 road miles) east of Santiago Canyon Road. The bridge is immediately south of the intersection of Santiago Canyon Road and Modjeska Grade Road. Regionally, the bridge is located between the unincorporated community of Silverado approximately 2.75 miles to the north and City of Lake Forest approximately 0.75 miles to the southwest.

Project Description. The project includes removal of the existing two-lane steel I-girder superstructure with steel floor beam bridge, abutments and retaining walls; temporary closure of Modjeska Canyon Road; and construction of a 2-lane standard 36-foot width, pre-cast, pre-stressed concrete I-girder bridge, abutments, and retaining walls in the same skew and approximate length (65 feet). Refer to the bridge cross section diagram. The bridge is located on a private parcel; therefore, a minor amount of right-of-way would be necessary. The bridge width selected has been modified from full standard curb to curb width of 40' to 34' to match the rural community road while adding sidewalk and roadway shoulders not currently provided. The project will also require utility relocation for an existing water line, coordination with the U.S. Geological Survey and OC Watersheds for the protection of the creek monitoring station adjacent to the bridge, and coordination with the owner of the adjacent power poles to protect the poles and overhead lines during construction activities. There will be a maximum excavation of 50 feet to construct new spread footings. The bridge will be widened to add shoulders; however, there will not be any road realignment. Minor storm drain/culvert installation is proposed to treat runoff. The existing abutments need to be removed and channel work is required to install the new abutments/footings. A road easement will be needed from the parcel owner to allow public access onto the property. A temporary construction easement will be acquired from the same property owner to stage materials and equipment at the southwest area of the bridge. One oak tree needs to be removed and vegetation will be trimmed to allow access to the channel. All other native plants/trees will be protected in place.

Schedule and Cost. The estimated duration of construction is approximately 225 days with construction anticipated to commence in September, 2019 and conclude in September, 2020. Of this estimated duration, the bridge will be closed for approximately four months. One travel lane cannot remain open because the bridge is fracture critical. The construction cost estimate is approximately \$1,152,000.

Brief Explanation of How Project Complies, or Will Comply with Applicable Federal Mandate (Part A):

GENERAL

- 1. The project will not require future construction to fully utilize the design capabilities included in the proposed project. Moreover, the project will have independent utility and be fully usable upon completion.
- 2. The project will not generate public controversy. Replacing the bridge would benefit the community and serve all residents and visitors to Modjeska Canyon. In addition, the Modjeska Fire Station would be able to maintain fire protection services.

NOISE

- 3. The project is not classified as a Type 1 project. The project does not propose a change in the vertical or horizontal alignment. The project replaces an existing bridge. The number of travel lanes will not increase; however, shoulders will be added on both sides. As such, the project is not a Type 1 project as defined by 23 CFR 772.5(h).
- 4. Temporary construction-related noise impacts would be associated with the dismantling and replacing the bridge. Pile driving is not proposed. However, spread footing or CIDH piles may be used. The nearest residential structure to the bridge is approximately 90 feet and the next nearest residential structure is approximately 160 feet from the bridge. Construction would be required to comply with the provisions of the Orange County Noise Control Ordinance and noise control regulations.

AIR QUALITY

5. The site is located within the South Coast Air Quality Management District. According to the Areas Subject to Transportation Conformity Requirements In California Table (March 20, 2016), the following criteria pollutants are in non-attainment or maintenance:

Maintenance: Carbon Monoxide and Nitrogen Dioxide

Non-attainment: Ozone, Particulate Matter (PM₁₀) and PM_{2.5} (1997 and 2006 standards)

- 6. The project is exempt from the provisions of 40 CFR 93.126. Projects to correct, improve, or eliminate a hazardous location or features are listed on Table 2 (Exempt Projects) under Safety.
- 7. Because the project is exempt from the provisions of 40 CFR 93.126, a regional conformity analysis is not required.
- 8. Because the project is exempt from the provisions of 40 CFR 93.126, a regional conformity analysis is not required.

HAZARDOUS MATERIALS / HAZARDOUS WASTE

9. No hazardous materials are located within or immediately adjacent to the project site although the bridge may contain lead-based paint. The California Department of Substances Control EnviroStor program for hazardous wastes and substances was queried on November January 9, 2017. This review determined a former leaking underground storage tank cleanup site is located approximately 0.25 miles to the east. This case is closed (Regional Board case number RB083003153T and local case number 98UT022). The potential for hazardous materials are to be determined. An Initial Site Assessment (Phase I) will be conducted.

WATER QUALITY / RESOURCES

- 10. The bridge is located over Reach 4 of Santiago Creek and will require construction activities to be performed adjacent to and within this feature. Santiago Creek, classified as a River and Stream, is identified as a 303(d) impaired water body in the State Water Resources Control Board 2010 Integrated Report for the following pollutants: Salinity, Total Dissolved Solids (TDS), and Chlorides. This feature conveys runoff and storm water from the Santa Ana Mountains with a hundred year storm flow of 4,600 cubic feet per second. The bridge construction activities have the potential to impact water resources during the short-term construction phase; no impacts are anticipated during the long-term operations phase. Impacts will be eliminated or minimized with applicable Best Management Practices (BMPs) contained in the Orange County Stormwater Program's Construction Runoff Guidance Manual.
- 11. The site is not located within any of the four Sole-Source aquifers as depicted on the map on the U.S. EPA's website. Refer to the attached map that depicts the project site in relation to a Sole-Source aquifer.

COASTAL ZONE

12. The project site is located in Orange County, in Southern California and therefore not within the San Francisco Bay, or Suisun Marsh. The site is not located within the Coastal Zone according to the Orange County Zoning Map. The nearest Coastal Zone boundary is located approximately 10.5 miles to the southwest.

FLOODPLAIN

13. The site is located within Zone AE (Special Flood Hazard Area) according to FEMA's Flood Insurance Rate Map Panel Number 06059C0309J. Santiago Creek conveys flows from its watershed in the Santa Ana Mountains with a hundred year flow of approximately 4,600 cfs. Refer to the attached map.

WILD AND SCENIC RIVERS

14. The site is not within or adjacent to a Wild and Scenic River System according to the list provided by Caltrans' Environmental Handbook, Chapter 19. The nearest Wild and Scenic River is Bautastia Creek located approximately 45 miles east of the site in the San Bernardino National Forest and not within 0.25 miles of a protected corridor. Orange County does not contain any Wild and Scenic Rivers.

BIOLOGICAL RESOURCES

- 15. The IPaC Resources List generated by the U.S. Fish and Wildlife Service's Information for Planning Conservation database identified several threatened or endangered species in Orange County that could occur on the site and thereby be potentially impacted. Refer to the attached IPaC Resources List. The site is inland from the Pacific Ocean and would not have the potential to affect fish species covered by a Fisheries Management Plan.
- 16. The IPaC Resources List generated by the U.S. Fish and Wildlife Service's Information for Planning Conservation database identified several threatened or endangered species including migratory bird species in Orange County that could occur on the site and thereby be potentially impacted.. Refer to the attached IPaC Trust report.
- 17. The site is located in a wetland as identified by the National Wetland Inventory wetland mapper database (Version 2) and classified as Riverine Wetland and Freshwater Forested/Shrub Wetland (PFOA). The potential for construction activities for the single span bridge to impact this wetland would not occur because construction activities would not occur in the creek bottom or within the ordinary high water mark. Refer to the attached map depicting the proximity of the site to the National Wetland Inventory map.
- 18. The site is not located in Agricultural Wetlands as identified by the National Wetland Inventory wetland mapper database (Version 2). Refer to the attached map.
- 19. The California Invasive Plant Council's CalWeedMapper program does not identify the site as containing invasive plant species.

SECTIONS 4(f) AND 6(f)

- 20. No historic sites, publically owned parks, recreation areas, wildlife or waterfowl refuges located within or adjacent to the site. The HBP application does not identify the bridge as historic. In addition, Caltrans' Structure Maintenance and Investigations list of Historical Significance Local Agency Bridges (October 2016) determined he bridge is not of historical significance. Refer to the attached list.
- 21. According to the National Park Service Land and Water Conservation Fund (LWCF), Detailed Listing of Grants, the site is not within or adjacent to properties that have used LWCF funds. This list was queried on January 12, 2017. Land uses adjacent to the site are rural residential.

VISUAL RESOURCES

22. According to the Visual Impact Assessment Checklist, the project received a score of eight (8) indicating a low potential to affect a visual or scenic resource. Refer to the attached Visual Impact Analysis.

RELOCATION IMPACTS

23. The project will replace the existing bridge in its current location. No residential or business properties would be affected by this project.

LAND USE, COMMUNITY, AND FARMLAND IMPACTS

24. The project will require a large amount of additional right-of-way (partial take). Approximately three (3) feet will be required to accommodate a sidewalk along the length of the bridge on the west side, which equates to 2,500 square feet. The majority of the proposed bridge will be located on private property.

- 25. The project is consistent with the land use concept of the Silverado-Modjeska Specific Plan and would not conflict with the general development guidelines.
- 26. The bridge will be replaced in the same location and does not have the potential to divide a community, disrupt the neighborhood and community cohesion, affect community resources, or affect employment. Land uses in the vicinity of the site are characterized by rural residential development. During the construction phase, access to a portion of the Modjeska Canyon community will be required to use Modjeska Grade Road as an alternate detour route.
- 27. The site is located in a rural, unincorporated portion of Orange County. According to the U.S. Census Bureau, American Fact Finder, Poverty Status in the past 12 Months, 2010-2014 American Community Survey 5-Year Estimates, the percent of minority population within Zip Code 92676 is 4.7 percent below the poverty level. The project will not have the potential to disproportionately affect low-income and minority populations.
- 28. The project will require the temporary relocation of a water line. The existing waterline attached to the bridge will require relocation. Overhead power lines and utility poles may require temporary or permanent relocation.
- 29. The project will eliminate vehicular access across this bridge during the short-term construction phase that would affect north/south and south/north connectivity. Once the new bridge has been installed, north/south and south/north connectivity would be restored. Modjeska Canyon Road/Markuson Road on the north side of the bridge would remain open and properties would continue to be able to access this roadway during the construction phase. Shadowland Circle and Modjeska Grade Road on the south side of the bridge would remain open and properties would continue to be able to access these roadways during the construction phase. Therefore, during the construction phase regional access to East Santiago Canyon Road (County Road S18) would be provided from either Modjeska Canyon Road/Markuson Road or Shadowland Circle and Modjeska Grade Road. Upon project completion, the layout and function of the connecting roadways would remain unchanged and no impact to abutting properties would occur.
- 30. The project would not involve changes in access control to the State Highway System. The nearest State Route is SR 241 (Eastern Transportation Corridor Toll Road) located approximately three (3) miles to the southwest. Refer to the attached map depicting the location of the project to State Highways.
- 31. For those properties located south of Santiago Creek the project will require the use of Modjeska Grade Road as a temporary detour during the construction phase; properties located north of Santiago Creek will use Modjeska Canyon Road as a detour. Modjeska Grade Road, a two-lane paved road, connects with East Santiago Canyon Road approximately (County Road S18) approximately 0.80 miles south of the project site. Road miles are approximately 1.40 miles. No ramps are located in close proximity to the site.
- 32. Existing parking is not located on or adjacent to the bridge. As a result, parking will not be affected.
- 33. No state or federal lands are adjacent to the project site.
- 34. The project replaces a bridge in the same location and is adjacent to rural residential development. According to the Orange County Important Farmland 2012 map, the site is classified as Urban and Built-Up Land; no Farmland is adjacent to the site.

CULTURAL RESOURCES

- 35. Impacts are to be determined by Caltrans' professionally qualified staff (PQS).
- 36. The site is not located on tribal lands nor is the site adjacent to any tribal lands.

Distribution

- 1) Original DLAE, 2) Local Agency Project Manager, 3) DLA Environmental Coordinator
- 4) Senior Environmental Planner (or designee), 5) District PQS

Updated: 05/15/08

Appendix B EDR Radius MapTM Report with GeoCheck®

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Modjeska Canyon Road

Modjeska Canyon Road Silverado, CA 92676

Inquiry Number: 6098671.2s

June 19, 2020

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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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map.	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

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

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

MODJESKA CANYON ROAD SILVERADO, CA 92676

COORDINATES

Latitude (North): 33.7087500 - 33° 42' 31.50" Longitude (West): 117.6363340 - 117° 38' 10.80"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 441034.3 UTM Y (Meters): 3729851.8

Elevation: 1272 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5636489 EL TORO, CA

Version Date: 2012

East Map: 5636483 SANTIAGO PEAK, CA

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: MODJESKA CANYON ROAD SILVERADO, CA 92676

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MODJESKA CANYON ROAD		CIWQS	Higher	1 ft.
A2	MODJESKA CANYON ROAD		CERS	Higher	1 ft.

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-VSQG......RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity

Generators)

Federal institutional controls / engineering controls registries

LUCIS.....Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROLS...... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE...... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

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

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

State and tribal leaking storage tank lists

...... 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

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

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

ODI...... Open Dump Inventory IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites_____ Historical Calsites Database

SCH...... School Property Evaluation Program

CDL..... Clandestine Drug Labs CERS HAZ WASTE..... CERS HAZ WASTE

Toxic Pits...... Toxic Pits Cleanup Act Sites

US CDL...... National Clandestine Laboratory Register PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST Listing

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

CA FID UST..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

HMIRS_____ Hazardous Materials Information Reporting System CHMIRS..... California Hazardous Material Incident Report System LDS..... Land Disposal Sites Listing

MCS..... Military Cleanup Sites Listing Orange Co. Industrial Site.... List of Industrial Site Cleanups 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

ROD...... Records Of Decision RMP..... Risk Management Plans

PRP...... Potentially Responsible Parties PADS..... PCB Activity Database System

ICIS...... Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

MLTS..... Material Licensing Tracking System COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

US MINES...... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS_____Facility Index System/Facility Registry System

UXO...... Unexploded Ordnance Sites

DOCKET HWC Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

CA BOND EXP. PLAN..... Bond Expenditure Plan

Cortese "Cortese" Hazardous Waste & Substances Sites List

CUPA Listings...... CUPA Resources List DRYCLEANERS..... Cleaner Facilities EMI..... Emissions Inventory Data ENF..... Enforcement Action Listing

Financial Assurance 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 Permits Listing
PEST LIC Pesticide Regulation Licenses Listing PROC..... Certified Processors Database

Notify 65..... Proposition 65 Records UIC Listing

UIC GEO...... UIC GEO (GEOTRACKER) WASTEWATER PITS..... Oil Wastewater Pits Listing WDS_____ Waste Discharge System

WIP..... Well Investigation Program Case List MILITARY PRIV SITES...... MILITARY PRIV SITES (GEOTRACKER)

PROJECT......PROJECT (GEOTRACKER)

WDR..... Waste Discharge Requirements Listing NON-CASE INFO...... NON-CASE INFO (GEOTRACKER) OTHER OIL GAS..... OTHER OIL & GAS (GEOTRACKER) PROD WATER PONDS...... PROD WATER PONDS (GEOTRACKER) SAMPLING POINT..... SAMPLING POINT (GEOTRACKER) WELL STIM PROJ...... Well Stimulation Project (GEOTRACKER)

MINES MRDS..... Mineral Resources Data System HWTS..... Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR Hist Auto______EDR Exclusive Historical Auto Stations EDR Hist Cleaner_____EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

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.

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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 03/02/2020 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MODJESKA CANYON ROAD		0 - 1/8 (0.000 mi.)	A1	9

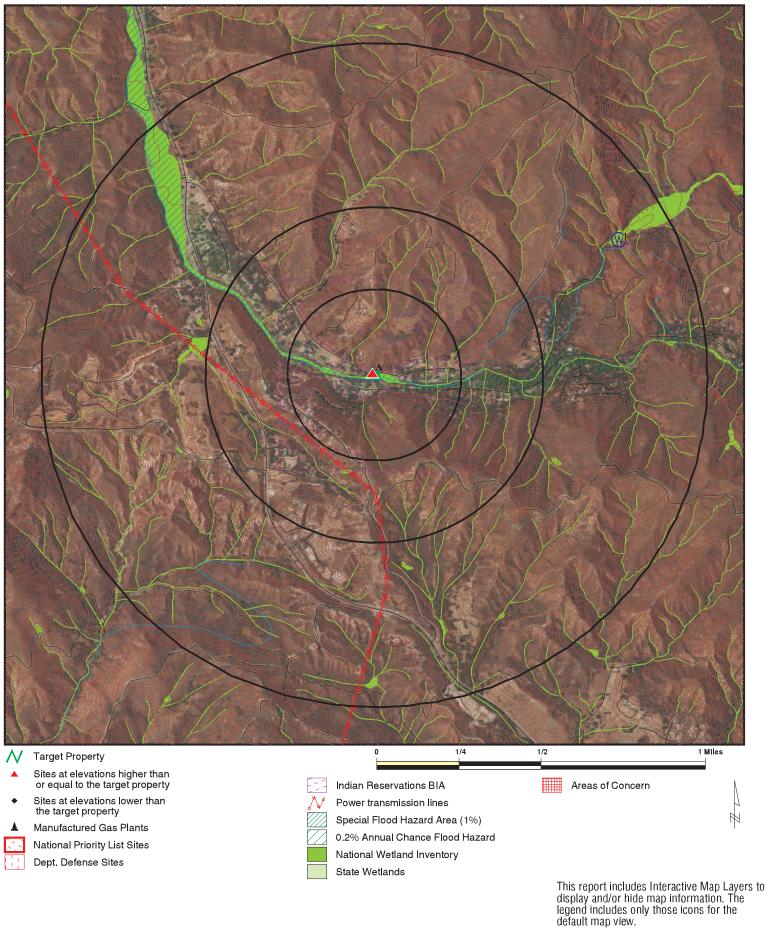
CERS: The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental 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 01/21/2020 has revealed that there is 1 CERS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MODJESKA CANYON ROAD		0 - 1/8 (0.000 mi.)	A2	10

There were no unmapped sites in this report.

OVERVIEW MAP - 6098671.2S



SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

LAT/LONG:

Silverado CA 92676

33.70875 / 117.636334

June 19, 2020 7:04 pm

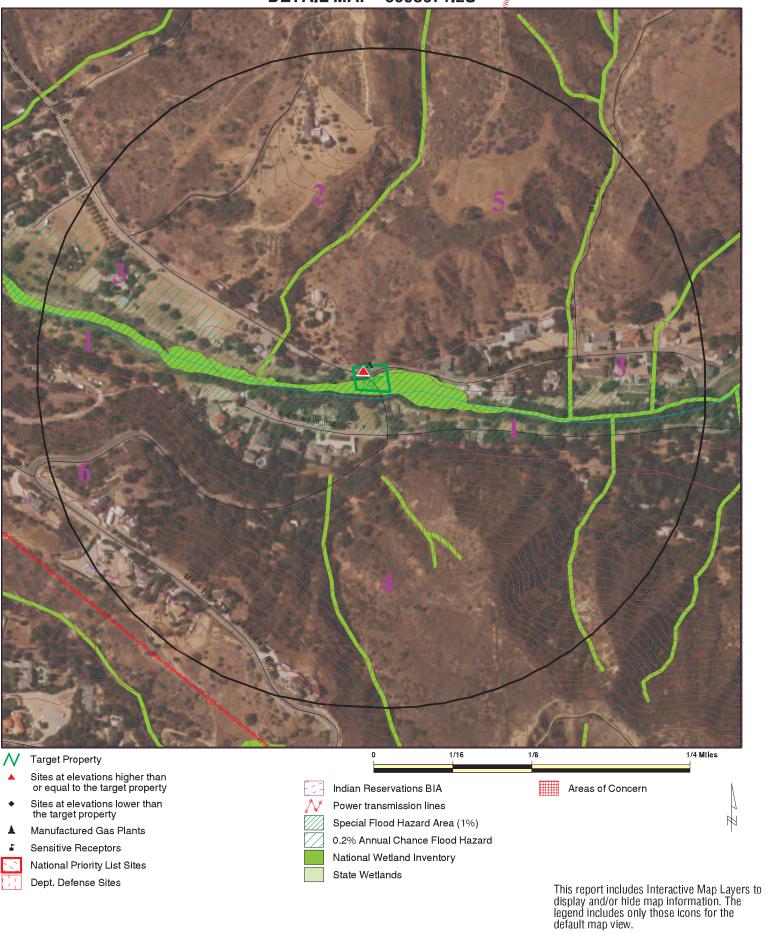
Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

CLIENT: WRECO CONTACT: Joseph Mcconnell

INQUIRY#: 6098671.2s

DATE:

DETAIL MAP - 6098671.2S



SITE NAME: Modjeska Canyon Road
ADDRESS: Modjeska Canyon Road
Silverado CA 92676
LAT/LONG: 33.70875 / 117.636334

CLIENT: WRECO
CONTACT: Joseph Mcconnell
INQUIRY #: 6098671.2s
DATE: June 19, 2020 7:05 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	lent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	lent CERCLIS	3						
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank li	ists						
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 CPS-SLIC	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	d storage tan	ık lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
State and tribal voluntary	cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u> </u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
WMUDS/SWAT SWRCY HAULERS INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.001 0.500 0.500 0.500 0.500		0 0 0 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste/							
US HIST CDL HIST Cal-Sites SCH CDL CERS HAZ WASTE Toxic Pits US CDL PFAS	0.001 1.000 0.250 0.001 0.250 1.000 0.001 0.500		0 0 0 0 0 0	NR 0 0 NR 0 0 NR 0	NR 0 NR NR NR 0 NR 0	NR 0 NR NR NR 0 NR	NR NR NR NR NR NR NR	0 0 0 0 0 0
Local Lists of Registered	Storage Tan	ıks						
SWEEPS UST HIST UST CERS TANKS CA FID UST	0.250 0.250 0.250 0.250		0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 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 DEED	0.001 0.500		0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency R	elease Repo	rts						
HMIRS CHMIRS LDS MCS Orange Co. Industrial Site SPILLS 90	0.001 0.001 0.001 0.001 0.001 0.001		0 0 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Other Ascertainable Reco	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US MINES ABANDONED MINES FINDS	0.250 1.000 1.000 1.000 0.500 0.001			0 0 0 0 RR ORR OR RR NR RR RR RR ORR ROO 0 0 RR OOR C	NOOORRRRRRORRSORRRRRRRRRRRRRRRRRRRRRRRR	NG	NK K K K K K K K K K K K K K K K K K K	000000000000000000000000000000000000000
UXO DOCKET HWC ECHO FUELS PROGRAM CA BOND EXP. PLAN Cortese	1.000 0.001 0.001 0.250 1.000 0.500		0 0 0 0 0	0 NR NR 0 0	0 NR NR NR 0 0	0 NR NR NR 0 NR	NR NR NR NR NR NR	0 0 0 0 0

MAP FINDINGS SUMMARY

CUPA Listings 0.250 0 0 NR NR NR 0 DRYCLEANERS 0.250 0 0 NR NR NR NR 0 EMI 0.001 0 NR
DRYCLEANERS 0.250 0 0 NR NR NR 0 EMI 0.001 0 NR NR NR NR NR 0 ENF 0.001 0 NR NR NR NR NR NR 0 Financial Assurance 0.001 0 NR
EMI 0.001 0 NR NR NR NR O ENF 0.001 0 NR NR NR NR NR O Financial Assurance 0.001 0 NR
ENF 0.001 0 NR NR NR NR 0 Financial Assurance 0.001 0 NR NR NR NR NR 0 HAZNET 0.001 0 NR NR NR NR NR 0 ICE 0.001 0 NR NR NR NR NR 0 HIST CORTESE 0.500 0 0 0 0 NR NR NR 0 HWP 1.000 0 0 0 0 NR NR NR 0 HWT 0.250 0 0 NR NR NR NR 0 MINES 0.250 0 0 NR NR NR NR 0 MINES 0.250 0 0 NR NR NR 0 MINES 0.250 0 0 NR NR NR NR NR 0
Financial Assurance 0.001 0 NR NR NR NR 0 HAZNET 0.001 0 NR NR NR NR NR NR 0 ICE 0.001 0 NR NR NR NR NR 0 HIST CORTESE 0.500 0 0 NR NR NR NR 0 HWP 1.000 0 0 0 0 NR NR NR 0 HWT 0.250 0 0 NR
HAZNET 0.001 0 NR NR NR NR NR O ICE 0.001 0 NR NR NR NR NR O HIST CORTESE 0.500 0 0 0 0 NR NR NR O HWP 1.000 0 0 0 0 NR NR NR 0 HWT 0.250 0 0 NR
ICE
HIST CORTESE 0.500 0 0 0 NR NR 0 HWP 1.000 0 0 0 0 NR NR 0 HWT 0.250 0 0 NR NR NR NR NR 0 MINES 0.250 0 0 NR NR NR NR NR NR 0 MWMP 0.250 0 0 NR
HWP 1.000 0 0 0 0 NR 0 HWT 0.250 0 0 0 NR NR NR 0 MINES 0.250 0 0 NR NR NR NR NR 0 MWMP 0.250 0 0 NR NR NR NR NR 0 NPDES 0.001 0 NR NR <t< td=""></t<>
MINES 0.250 0 0 NR NR NR NR 0 MWMP 0.250 0 0 0 NR NR NR NR NR 0 NPDES 0.001 0 NR NR NR NR NR NR NR 0 PEST LIC 0.001 0 NR NR NR NR NR NR 0 PROC 0.500 0 0 0 0 NR NR NR NR 0 Notify 65 1.000 0 0 0 0 0 NR NR NR 0 UIC 0.001 0 0 NR
MWMP 0.250 0 0 NR NR NR NR NR O NPDES 0.001 0 NR <
NPDES 0.001 0 NR 0 PEST LIC 0.001 0 NR NR NR NR NR NR NR NR 0 PROC 0.500 0 0 0 0 NR NR NR NR 0 Notify 65 1.000 0 0 0 0 NR NR NR NR 0 UIC 0.001 0 NR
PEST LIC 0.001 0 NR NR NR NR NR NR 0 PROC 0.500 0 0 0 NR NR NR NR 0 Notify 65 1.000 0 0 0 0 NR NR NR NR 0 UIC 0.001 0 NR
PROC 0.500 0 0 0 NR NR 0 Notify 65 1.000 0 0 0 0 NR NR 0 UIC 0.001 0 NR NR NR NR NR NR 0 UIC GEO 0.001 0 NR NR NR NR NR NR 0 WASTEWATER PITS 0.500 0 0 0 NR NR NR NR 0 WDS 0.001 0 NR NR <td< td=""></td<>
Notify 65 1.000 0 0 0 0 NR 0 UIC 0.001 0 NR
UIC 0.001 0 NR
UIC GEO 0.001 0 NR NR NR NR NR 0 WASTEWATER PITS 0.500 0 0 0 NR NR
WASTEWATER PITS 0.500 0 0 0 NR NR
WDS 0.001 0 NR NR NR NR NR 0 WIP 0.250 0 0 NR NR NR NR NR 0 MILITARY PRIV SITES 0.001 0 NR 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
WIP 0.250 0 0 NR NR NR NR 0 MILITARY PRIV SITES 0.001 0 NR NR NR NR NR 0 PROJECT 0.001 0 NR 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
MILITARY PRIV SITES 0.001 0 NR NR NR NR NR 0 PROJECT 0.001 0 NR 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
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
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
CIWQS 0.001 1 NR NR NR NR 1 CERS 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
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
MINES MRDS 0.001 0 NR NR NR NR 0
HWTS TP NR NR NR NR 0
EDR HIGH RISK HISTORICAL RECORDS
EDR Exclusive Records
EDR MGP 1.000 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 2 0 0 0 2

MAP FINDINGS SUMMARY

Search

Distance (Miles)

Target Property

< 1/8 1/8 - 1/4

1/4 - 1/2

1/2 - 1 > 1

Total Plotted

NOTES:

Database

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A1 MODJESKA CANYON ROAD BRIDGE CIWQS S121656418
N/A

< 1/8 ORANGE (County), CA 92676

1 ft.

Site 1 of 2 in cluster A

Relative: CIWQS: Higher Name

HigherName:MODJESKA CANYON ROAD BRIDGEActual:Address:Not reported1279 ft.City,State,Zip:CA 92676

Agency: Orange Cnty Public Works

Agency Address: Po Box 4048, Santa Ana, CA 92702-4048

Place/Project Type: Dredge/Fill Site SIC/NAICS: Not reported

Region: 8

Program: CERFILLEXC Regulatory Measure Status: Historical

Regulatory Measure Type: Enrollee - 401 Certification

Order Number: RGP 63 WDID: Not reported NPDES Number: Not reported Adoption Date: Not reported Effective Date: 01/25/2010 Termination Date: 01/25/2010 Expiration/Review Date: 10/31/2013 Design Flow: Not reported Major/Minor: Not reported Complexity: Not reported TTWQ: Not reported

Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.70885
Longitude: -117.63642

Name: MODJESKA CANYON ROAD BRIDGE REPAIR OVER SANTIAGO CREEK

Address: Not reported

City, State, Zip: CA

Agency: Orange Cnty Public Works

Agency Address: Po Box 4048, Santa Ana, CA 92702-4048

Place/Project Type: Dredge/Fill Site SIC/NAICS: Not reported

Region: 8

CERFILLEXC Program: Regulatory Measure Status: Historical Regulatory Measure Type: 401 Certification Order Number: Not reported WDID: Not reported NPDES Number: Not reported Adoption Date: 09/29/2011 Effective Date: 09/29/2011 Termination Date: 09/27/2016 Expiration/Review Date: Not reported Design Flow: Not reported Major/Minor: Not reported Complexity: Not reported TTWQ: Not reported

Enforcement Actions within 5 years: 0
Violations within 5 years: 0

Latitude: Not reported

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS
EDR ID Number
EDR ID Number
EPA ID Number

MODJESKA CANYON ROAD BRIDGE (Continued)

S121656418

Longitude: Not reported

A2 MODJESKA CANYON ROAD BRIDGE CERS \$123508962

N/A

< 1/8 , CA 92676

1 ft.

Site 2 of 2 in cluster A

Relative: CERS:

Higher Name: MODJESKA CANYON ROAD BRIDGE

 Actual:
 Address:
 Not reported

 1279 ft.
 City,State,Zip:
 CA 92676

 Site ID:
 321471

 CERS ID:
 785120

CERS Description: Wetlands - Fill and Dredge Material

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Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND



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: 04/27/2020 Source: EPA
Date Data Arrived at EDR: 05/06/2020 Telephone: N/A

Date Made Active in Reports: 05/28/2020 Last EDR Contact: 06/03/2020

Number of Days to Update: 22 Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

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

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/27/2020 Source: EPA
Date Data Arrived at EDR: 05/06/2020 Telephone: N/A

Date Made Active in Reports: 05/28/2020 Last EDR Contact: 06/03/2020 Number of Days to Update: 22 Next Scheduled EDR Contact:

Next Scheduled EDR Contact: 07/13/2020
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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA Telephone: N/A

Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 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: 04/03/2020

Next Scheduled EDR Contact: 07/13/2020 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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/27/2020 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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/27/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate
less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/15/2020 Date Data Arrived at EDR: 05/19/2020 Date Made Active in Reports: 06/18/2020

Number of Days to Update: 30

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/24/2020 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: 02/13/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 02/13/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020

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.

substances.

Date of Government Version: 03/22/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/18/2020

Number of Days to Update: 86

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 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: 01/27/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 72

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 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: 01/27/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 72

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/10/2020 Date Data Arrived at EDR: 02/11/2020 Date Made Active in Reports: 04/20/2020

Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 05/12/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

Number of Days to Update: 27

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

Number of Days to Update: 14

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

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

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

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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 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: No Update Planned

LUST REG 2: Fuel Leak List

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

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

Number of Days to Update: 30

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

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

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: No Update Planned

LUST REG 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 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 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 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

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: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/02/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019 Date Data Arrived at EDR: 12/17/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/10/2019 Date Data Arrived at EDR: 12/05/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 67

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

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

Date of Government Version: 10/04/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/27/2020

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/03/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/14/2020

Number of Days to Update: 72

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 1

Source: State Water Resources Control Board Telephone: 866-480-1028

Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

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: No Update Planned

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 28

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 47

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 16

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch

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

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

SLIC REG 6L: SLIC Sites

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

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

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

SLIC REG 7: SLIC List

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 36

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 11

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

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

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

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

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

from spills, leaks, and similar discharges.

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

Number of Days to Update: 17

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

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

Next Scheduled EDR Contact: 11/21/2011 Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 03/19/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/20/2020

Number of Days to Update: 71

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 03/09/2020 Date Data Arrived at EDR: 03/11/2020 Date Made Active in Reports: 05/26/2020

Number of Days to Update: 76

Source: State Water Resources Control Board

Telephone: 916-327-7844 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/14/2020

Number of Days to Update: 72

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/02/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/10/2019 Date Data Arrived at EDR: 12/05/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 67

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 10/04/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/27/2020

Number of Days to Update: 85

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020

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: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 01/27/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 72

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 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: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 Data Release Frequency: Varies

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: 03/23/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/05/2020

Number of Days to Update: 73

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 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: 06/01/2020 Date Data Arrived at EDR: 06/02/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/28/2020 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: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Quarterly

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

Date of Government Version: 11/15/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/23/2020

Number of Days to Update: 69

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 05/06/2020

Next Scheduled EDR Contact: 08/24/2020 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: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Subtitle D Criteria.

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 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: 05/01/2020

Next Scheduled EDR Contact: 08/10/2020

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: 03/18/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 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: 01/27/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 72

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 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: 12/31/2018 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 70

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 07/20/2020 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: 01/21/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 70

Source: CalEPA

Telephone: 916-323-2514 Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 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: 03/18/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 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: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

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: 12/19/2019 Date Data Arrived at EDR: 12/23/2019 Date Made Active in Reports: 02/21/2020

Number of Days to Update: 60

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 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: 08/01/2019 Date Data Arrived at EDR: 08/02/2019 Date Made Active in Reports: 10/11/2019

Number of Days to Update: 70

Source: San Francisco County Department of Public Health

Telephone: 415-252-3896 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 01/21/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 70

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

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

Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 03/03/2020 Date Data Arrived at EDR: 03/05/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 70

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020

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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 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: 03/02/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/13/2020

Number of Days to Update: 71

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020 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: 02/27/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/18/2020

Number of Days to Update: 86

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 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: 12/24/2019 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 03/30/2020

Number of Days to Update: 68

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 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: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 1

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/28/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 85

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 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: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 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: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/06/2020

Next Scheduled EDR Contact: 07/20/2020

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: 05/15/2020

Next Scheduled EDR Contact: 08/24/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/18/2020

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 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: 05/04/2020

Next Scheduled EDR Contact: 08/17/2020 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: 05/08/2020

Next Scheduled EDR Contact: 08/17/2020

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: 06/17/2020

Next Scheduled EDR Contact: 09/28/2020 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: 12/31/2018 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 79

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 08/31/2020 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: 05/01/2019 Date Data Arrived at EDR: 10/23/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 84

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/05/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 04/17/2020

Number of Days to Update: 149

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/15/2020

Next Scheduled EDR Contact: 08/03/2020 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: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 08/17/2020 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: 10/09/2019 Date Data Arrived at EDR: 10/11/2019 Date Made Active in Reports: 12/20/2019

Number of Days to Update: 70

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 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: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 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: No Update Planned

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

Date of Government Version: 04/09/2009 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: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/25/2019 Date Data Arrived at EDR: 10/25/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 82

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 08/03/2020 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: 12/31/2018 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 42

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/05/2020

Next Scheduled EDR Contact: 09/14/2020 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: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019

Number of Days to Update: 251

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/01/2020

Next Scheduled EDR Contact: 09/14/2020 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: 09/13/2019 Date Data Arrived at EDR: 11/06/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 96

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/08/2020

Next Scheduled EDR Contact: 08/17/2020

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: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 07/13/2020 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: 01/02/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/17/2020

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 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: 12/31/2019 Date Data Arrived at EDR: 01/17/2020 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020

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: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 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: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 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: 04/29/2020

Next Scheduled EDR Contact: 08/17/2020 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: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020 Date Data Arrived at EDR: 04/01/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 02/11/2020 Date Data Arrived at EDR: 02/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020 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: 01/16/2018 Date Data Arrived at EDR: 02/28/2020 Date Made Active in Reports: 05/22/2020

Number of Days to Update: 84

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/07/2020 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: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020

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: 03/05/2020 Date Data Arrived at EDR: 03/06/2020 Date Made Active in Reports: 05/29/2020

Number of Days to Update: 84

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/21/2020 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: 02/03/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 86

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020 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: 04/03/2020

Next Scheduled EDR Contact: 07/27/2020 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: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/05/2020 Date Data Arrived at EDR: 01/07/2020 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/07/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Quarterly

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: 02/18/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 85

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/19/2020

Next Scheduled EDR Contact: 08/31/2020 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: 03/23/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/05/2020

Number of Days to Update: 73

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 05/14/2019 Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department

Telephone: 925-454-2361 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2020 Date Data Arrived at EDR: 02/04/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 65

Source: San Francisco County Department of Environmental Health

Telephone: 415-252-3896 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2020 Date Data Arrived at EDR: 02/28/2020 Date Made Active in Reports: 05/07/2020

Number of Days to Update: 69

Source: Antelope Valley Air Quality Management District

Telephone: 661-723-8070 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 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: 12/04/2019 Date Data Arrived at EDR: 01/29/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 71

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Annually

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

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

Date of Government Version: 03/25/2020 Date Data Arrived at EDR: 03/26/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 81

Source: South Coast Air Quality Management District

Telephone: 909-396-3211 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 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: 06/24/2019 Date Made Active in Reports: 08/22/2019

Number of Days to Update: 59

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 06/16/2020

Next Scheduled EDR Contact: 09/28/2020

Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 04/03/2020 Date Data Arrived at EDR: 04/07/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 8

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 04/03/2020

Next Scheduled EDR Contact: 08/03/2020

Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/21/2020 Date Data Arrived at EDR: 01/23/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 69

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 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: 02/19/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 64

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/24/2020 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: 05/29/2019 Date Made Active in Reports: 07/22/2019

Number of Days to Update: 54

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 04/15/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 02/18/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 65

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 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: 02/18/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 65

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/06/2020 Date Data Arrived at EDR: 01/07/2020 Date Made Active in Reports: 03/05/2020

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 07/20/2020 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: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: Department of Conservation Telephone: 916-322-1080

Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 02/12/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 72

Source: Department of Public Health

Telephone: 916-558-1784 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020 Date Data Arrived at EDR: 02/11/2020 Date Made Active in Reports: 04/20/2020

Number of Days to Update: 69

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/12/2020

Next Scheduled EDR Contact: 08/24/2020 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: 03/02/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 72

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 03/12/2020 Date Data Arrived at EDR: 03/13/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 69

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 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: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resource Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

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: 11/19/2019 Date Data Arrived at EDR: 01/07/2020 Date Made Active in Reports: 03/09/2020

Number of Days to Update: 62

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020

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: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 03/09/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/19/2020

Number of Days to Update: 70

Source: State Water Resources Control Board

Telephone: 916-341-5810 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 03/02/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/13/2020

Number of Days to Update: 71

Source: State Water Resources Control Board

Telephone: 866-794-4977 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020

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: 01/21/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 70

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Varies

SAMPLING POINT: Sampling Point? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 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: 05/13/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 2

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015

Number of Days to Update: 29

Source: EPA

Telephone: 202-564-2497 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019 Date Data Arrived at EDR: 11/14/2019 Date Made Active in Reports: 02/07/2020

Number of Days to Update: 85

Source: Department of Toxic Substances Control

Telephone: 916-324-2444 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020

Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 55

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 06/08/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019

Number of Days to Update: 3

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR 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 Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR 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

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 03/26/2020

Number of Days to Update: 53

Next Scheduled EDR Contact: 07/20/2020

Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020 Date Data Arrived at EDR: 01/07/2020 Date Made Active in Reports: 03/06/2020 Number of Days to Update: 59 Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/20/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 05/18/2020 Date Data Arrived at EDR: 05/19/2020 Date Made Active in Reports: 06/01/2020

Number of Days to Update: 13

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/17/2020

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: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 03/27/2020 Date Data Arrived at EDR: 03/31/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 76

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List

Cupa facility list.

Date of Government Version: 03/02/2020 Date Data Arrived at EDR: 03/04/2020 Date Made Active in Reports: 06/01/2020

Number of Days to Update: 89

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 04/06/2020

Next Scheduled EDR Contact: 08/17/2020 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: 02/14/2020 Date Data Arrived at EDR: 02/18/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 66

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List

Cupa Facility list

Date of Government Version: 12/27/2019 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 72

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List

CUPA facility list.

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 01/03/2020 Date Made Active in Reports: 03/05/2020

Number of Days to Update: 62

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 05/06/2020

Next Scheduled EDR Contact: 08/10/2020

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: 01/10/2020 Date Data Arrived at EDR: 03/31/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 76

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 03/31/2020

Next Scheduled EDR Contact: 07/13/2020 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: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/19/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 26

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 01/21/2020 Date Data Arrived at EDR: 01/23/2020 Date Made Active in Reports: 03/30/2020

Number of Days to Update: 67

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

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: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 70

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 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: 02/13/2020 Date Data Arrived at EDR: 02/14/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 70

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 01/15/2020 Date Data Arrived at EDR: 01/16/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 76

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 04/13/2020

Next Scheduled EDR Contact: 07/27/2020

Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/30/2020 Date Data Arrived at EDR: 01/31/2020 Date Made Active in Reports: 04/09/2020

Number of Days to Update: 69

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

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: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/26/2020 Date Data Arrived at EDR: 03/26/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 81

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

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

> Date of Government Version: 01/13/2020 Date Data Arrived at EDR: 01/14/2020 Date Made Active in Reports: 03/24/2020

Number of Days to Update: 70

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 04/14/2020

Next Scheduled EDR Contact: 07/27/2020

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: 04/02/2020

Next Scheduled EDR Contact: 07/27/2020 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: 06/01/2019 Date Data Arrived at EDR: 06/25/2019 Date Made Active in Reports: 08/22/2019

Number of Days to Update: 58

Source: Los Angeles Fire Department

Telephone: 213-978-3800 Last EDR Contact: 03/27/2020

Next Scheduled EDR Contact: 07/06/2020

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

Telephone: 626-458-6973 Last EDR Contact: 04/17/2020

Next Scheduled EDR Contact: 07/27/2020 Data Release Frequency: No Update Planned

Source: Los Angeles County Department of Public Works

Number of Days to Update: 42

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: 06/01/2019 Date Data Arrived at EDR: 06/25/2019 Date Made Active in Reports: 08/22/2019

Source: Los Angeles Fire Department Telephone: 213-978-3800 Last EDR Contact: 03/27/2020

Number of Days to Update: 58

Next Scheduled EDR Contact: 07/06/2020 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: 06/01/2019 Date Data Arrived at EDR: 06/25/2019

Source: Los Angeles Fire Department

Date Made Active in Reports: 08/22/2019

Telephone: 213-978-3800 Last EDR Contact: 03/27/2020

Number of Days to Update: 58

Next Scheduled EDR Contact: 07/06/2020

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: 12/31/2019 Date Data Arrived at EDR: 01/14/2020 Date Made Active in Reports: 03/24/2020 Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 04/14/2020

Number of Days to Update: 70

Next Scheduled EDR Contact: 07/27/2020 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

Source: City of El Segundo Fire Department

Date Made Active in Reports: 05/10/2017

Telephone: 310-524-2236 Last EDR Contact: 04/02/2020

Number of Days to Update: 21

Next Scheduled EDR Contact: 07/27/2020 Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019 Date Data Arrived at EDR: 04/23/2019

Source: City of Long Beach Fire Department

Date Made Active in Reports: 06/27/2019

Telephone: 562-570-2563 Last EDR Contact: 04/09/2020

Number of Days to Update: 65

Next Scheduled EDR Contact: 08/03/2020

Data Release Frequency: Varies

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

Date of Government Version: 06/27/2019 Date Data Arrived at EDR: 07/30/2019 Date Made Active in Reports: 10/02/2019

Number of Days to Update: 64

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 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: 02/24/2020 Date Data Arrived at EDR: 02/25/2020 Date Made Active in Reports: 05/07/2020

Number of Days to Update: 72

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020 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: 03/20/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 11/18/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 01/03/2020

Number of Days to Update: 44

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 05/06/2020

Next Scheduled EDR Contact: 08/17/2020

Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

> Date of Government Version: 02/21/2020 Date Data Arrived at EDR: 03/05/2020 Date Made Active in Reports: 05/13/2020

Number of Days to Update: 69

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020

Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019 Date Data Arrived at EDR: 11/07/2019 Date Made Active in Reports: 01/08/2020

Number of Days to Update: 62

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 04/13/2020

Next Scheduled EDR Contact: 07/13/2020 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: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 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: 09/05/2019 Date Data Arrived at EDR: 09/09/2019 Date Made Active in Reports: 10/31/2019

Number of Days to Update: 52

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 02/05/2020 Date Data Arrived at EDR: 02/06/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 69

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 05/06/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 70

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/04/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 70

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/04/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 02/04/2020 Date Made Active in Reports: 04/10/2020

Number of Days to Update: 66

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/05/2020

Next Scheduled EDR Contact: 08/17/2020 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: 03/02/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/13/2020

Number of Days to Update: 71

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 06/26/2019

Number of Days to Update: 64

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

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: 03/10/2020 Date Data Arrived at EDR: 03/11/2020 Date Made Active in Reports: 05/20/2020

Number of Days to Update: 70

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 02/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 03/10/2020 Date Data Arrived at EDR: 03/11/2020 Date Made Active in Reports: 05/20/2020

Number of Days to Update: 70

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 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: 02/18/2020 Date Data Arrived at EDR: 03/31/2020 Date Made Active in Reports: 06/15/2020

Number of Days to Update: 76

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 03/31/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 02/24/2020 Date Data Arrived at EDR: 03/31/2020 Date Made Active in Reports: 06/17/2020

Number of Days to Update: 78

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 03/31/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 02/12/2020 Date Data Arrived at EDR: 02/13/2020 Date Made Active in Reports: 04/23/2020

Number of Days to Update: 70

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020

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: 02/25/2020 Date Data Arrived at EDR: 02/26/2020 Date Made Active in Reports: 05/07/2020

Number of Days to Update: 71

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 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: 03/02/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/13/2020

Number of Days to Update: 71

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020 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: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 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: 12/26/2019 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 70

Source: Department of Environmental Health

Telephone: 858-505-6874 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 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: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 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: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/08/2020 Date Data Arrived at EDR: 01/09/2020 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 57

Source: Department of Public Health

Telephone: 415-252-3920 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 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: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/18/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

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: 02/20/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/12/2020

Next Scheduled EDR Contact: 09/21/2020 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: 06/03/2020

Next Scheduled EDR Contact: 09/21/2020 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: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/14/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 65

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

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: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/22/2020 Date Data Arrived at EDR: 04/24/2020 Date Made Active in Reports: 05/07/2020

Number of Days to Update: 13

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 04/23/2020

Next Scheduled EDR Contact: 08/17/2020 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: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

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: 05/07/2020

Next Scheduled EDR Contact: 08/31/2020

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: 06/04/2019 Date Data Arrived at EDR: 06/06/2019 Date Made Active in Reports: 08/13/2019

Number of Days to Update: 68

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 05/26/2020

Next Scheduled EDR Contact: 09/13/2020 Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/02/2020 Date Data Arrived at EDR: 03/04/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 71

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/15/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 02/25/2020 Date Data Arrived at EDR: 02/26/2020 Date Made Active in Reports: 03/11/2020

Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 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: 01/02/2020 Date Data Arrived at EDR: 01/03/2020 Date Made Active in Reports: 03/05/2020

Number of Days to Update: 62

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 02/04/2020 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/15/2020

Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 04/02/2020

Next Scheduled EDR Contact: 07/27/2020

Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 01/23/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/08/2020

Number of Days to Update: 66

Source: Sutter County Environmental Health Services

Telephone: 530-822-7500 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 03/16/2020 Date Data Arrived at EDR: 03/17/2020 Date Made Active in Reports: 05/26/2020

Number of Days to Update: 70

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 01/21/2020 Date Data Arrived at EDR: 01/23/2020 Date Made Active in Reports: 03/30/2020

Number of Days to Update: 67

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 02/10/2020 Date Data Arrived at EDR: 02/11/2020 Date Made Active in Reports: 04/20/2020

Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/17/2020

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: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

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: 12/26/2019 Date Data Arrived at EDR: 01/24/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 68

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 03/20/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008 Date Data Arrived at EDR: 06/24/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: No Update Planned

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: 12/26/2019 Date Data Arrived at EDR: 01/24/2020 Date Made Active in Reports: 04/01/2020

Number of Days to Update: 68

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 04/20/2020

Next Scheduled EDR Contact: 08/03/2020 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: 01/27/2020 Date Data Arrived at EDR: 03/10/2020 Date Made Active in Reports: 05/20/2020

Number of Days to Update: 71

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/09/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 04/01/2020 Date Made Active in Reports: 06/17/2020

Number of Days to Update: 77

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 03/20/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020 Date Data Arrived at EDR: 02/12/2020 Date Made Active in Reports: 04/23/2020

Number of Days to Update: 71

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/30/2020 Date Data Arrived at EDR: 01/30/2020 Date Made Active in Reports: 03/09/2020

Number of Days to Update: 39

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/12/2020

Next Scheduled EDR Contact: 08/24/2020 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: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 51

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/02/2020

Next Scheduled EDR Contact: 07/27/2020 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 10/02/2019 Date Made Active in Reports: 12/10/2019

Number of Days to Update: 69

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/04/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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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

MODJESKA CANYON ROAD MODJESKA CANYON ROAD SILVERADO, CA 92676

TARGET PROPERTY COORDINATES

Latitude (North): 33.70875 - 33° 42' 31.50" Longitude (West): 117.636334 - 117° 38' 10.80"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 441034.3 UTM Y (Meters): 3729851.8

Elevation: 1272 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5636489 EL TORO, CA

Version Date: 2012

East Map: 5636483 SANTIAGO PEAK, 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.

GROUNDWATER FLOW DIRECTION INFORMATION

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

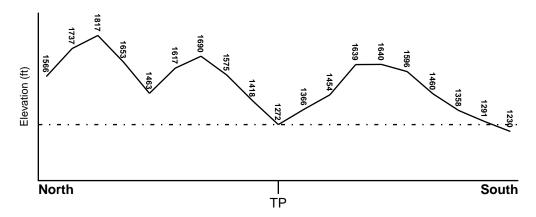
TOPOGRAPHIC INFORMATION

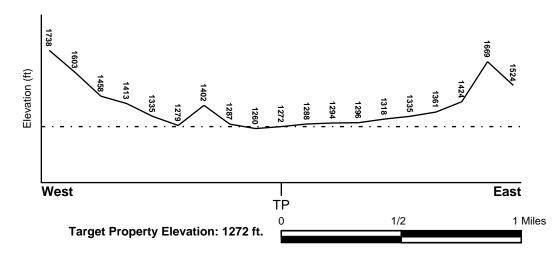
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

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

06059C0309J FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

06059C0307J FEMA FIRM Flood data 06059C0326J FEMA FIRM Flood data 06059C0328J FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

EL TORO YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

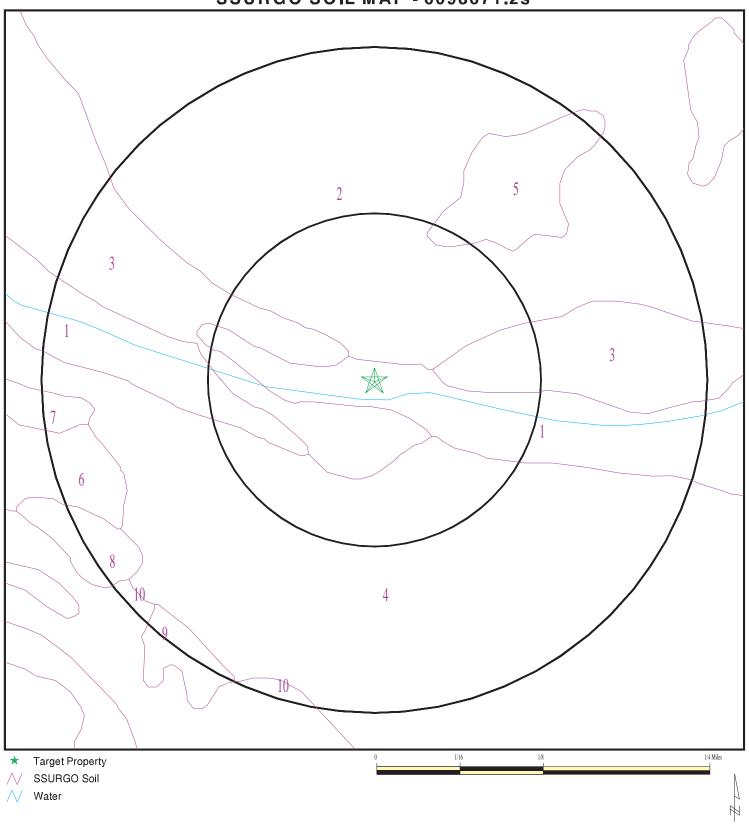
Era: Mesozoic Category: Stratified Sequence

System: Cretaceous
Series: Upper Cretaceous

Code: uK (decoded above as Era, System & Series)

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

SSURGO SOIL MAP - 6098671.2s



SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road Silverado CA 92676 LAT/LONG: 33.70875 / 117.636334

CLIENT: WRECO
CONTACT: Joseph Mcconnell
INQUIRY#: 6098671.2s
DATE: June 19, 2020 7:05 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information										
	Воц	ındary		Classi	fication	Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roadion			
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:			
2	5 inches	59 inches	stratified coarse sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:			

Soil Map ID: 2

Soil Component Name: CIENEBA

Soil Surface Texture: 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: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	7 inches	11 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: SORRENTO

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: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information										
	Bou	ındary		Classi	fication	Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec				
1	0 inches	11 inches	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: 7.9			
2	11 inches	61 inches	silty 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: 7.9			
3	61 inches	72 inches	stratified loamy fine sand to silt 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: 7.9			

Soil Map ID: 4

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information									
Layer	Bou	ındary		Classification		Saturated hydraulic			
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon itcachon		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:		
2	14 inches	18 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1.4 Min: 0	Max: Min:		

Soil Map ID: 5

Soil Component Name: ANAHEIM

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: 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					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)				
1	0 inches	25 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:				
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:				

Soil Map ID: 6

Soil Component Name: SOPER

Soil Surface Texture: 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

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			Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil						
1	0 inches	9 inches	loam	Not reported	Not reported	Max: Min:	Max: Min:				
2	9 inches	29 inches	gravelly clay loam	Not reported	Not reported	Max: Min:	Max: Min:				
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:				

Soil Map ID: 7

Soil Component Name: MYFORD

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: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

			Soil Laye	r Information			
	Bou	ındary		Classi	Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	11 inches	18 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	18 inches	27 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	27 inches	70 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 8

Soil Component Name: CIENEBA

Soil Surface Texture: 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: Somewhat excessively 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					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
1	0 inches	16 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:				
2	16 inches	20 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:				

Soil Map ID: 9

Soil Component Name: MYFORD

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: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

			Soil Laye	r Information			
	Bou	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	11 inches	18 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	18 inches	27 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	27 inches	70 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 10

Soil Component Name: SOPER

Soil Surface Texture: cobbly 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

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	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity So	Soil Reaction (pH)
1	0 inches	9 inches	cobbly loam	Not reported	Not reported	Max: Min:	Max: Min:
2	9 inches	29 inches	cobbly clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION LOCATION

MAP ID WELL ID FROM TP

No Wells Found

WELL ID

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

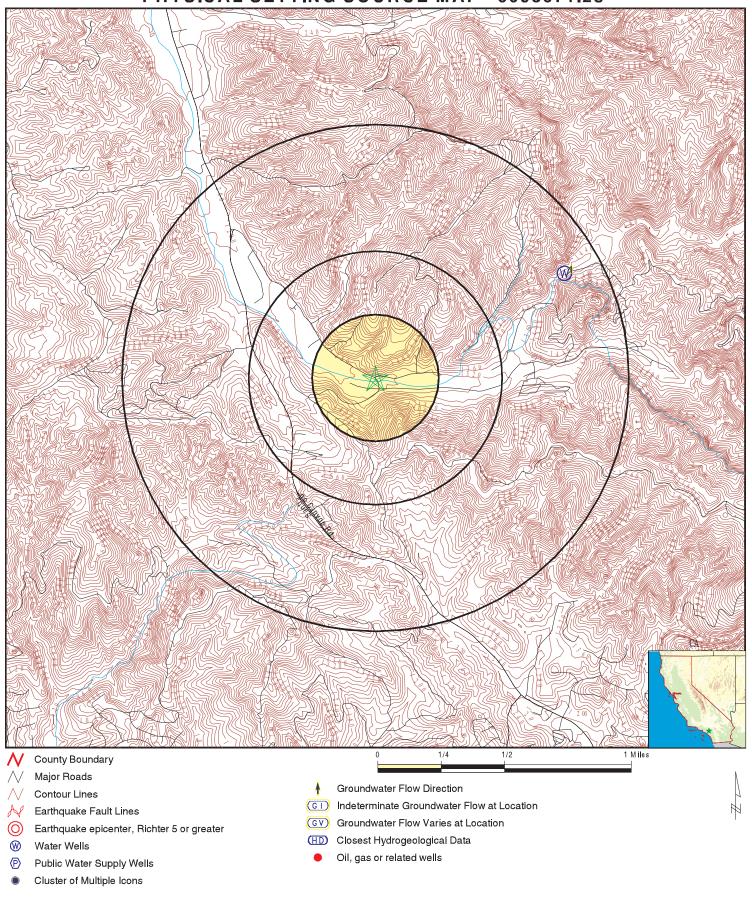
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

LOCATION MAP ID WELL ID FROM TP

1 6077 1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 6098671.2s



SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road Silverado CA 92676 LAT/LONG: 33.70875 / 117.636334 CLIENT: WRECO
CONTACT: Joseph Mcconnell
INQUIRY#: 6098671.2s
DATE: June 19, 2020 7:05 pm

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation EDR ID Number Database 1 ENE **CA WELLS** 6077 1/2 - 1 Mile Higher Seq: 6077 Prim sta c: 05S/07W-28D01 S 3010095001 Frds no: County: 30 District: User id: TEE 80 Water type: System no: 3010095 G Source nam: HARDING CANYON Station ty: WELL/AMBNT/MUN/INTAKE/SUPPLY Latitude: 334253.2 Longitude: 1173721.7 Precision: 3 Status: AR Comment 1: Not Reported Comment 2: Not Reported Comment 3: Not Reported Comment 4: Not Reported Not Reported Comment 5: Not Reported Comment 6: Comment 7: Not Reported

System no: 3010095 System nam: Santiago Cwd P O BOX 575 Hqname: Not Reported Address: **SILVERADO** City: State: Not Reported 92676 0575 Zip: Zip ext: 2300 Connection: 657 Pop serv:

Area serve: SILVERADO CANYON

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
		
92676	3	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.763 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

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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Appendix C EDR Historic Topo Map Report with QuadMatchTM

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Modjeska Canyon Road Modjeska Canyon Road Silverado, CA 92676

Inquiry Number: 6098671.4

June 19, 2020

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

06/19/20

Site Name: Client Name:

Modjeska Canyon Road

Modjeska Canyon Road Silverado, CA 92676 EDR Inquiry # 6098671.4 WRECO

1243 Alpine Rd Ste 108 Walnut Creek, CA 94596 Contact: Joseph Mcconnell



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

Search Results:		Coordinates:		
P.O.#	P18066	Latitude:	33.70875 33° 42' 32" North	
Project:	Modjeska Canyon Road Bridge	Longitude:	-117.636334 -117° 38' 11" West	
-	, , ,	UTM Zone:	Zone 11 North	
		UTM X Meters:	441035.67	
		UTM Y Meters:	3730045.24	
		Elevation:	1270.09' above sea level	

Maps Provided:

2012	1949
1997	1942
1988	1935
1982	1902
1981	
1978	
1968, 1973	
1950, 1954	

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Topo Sheet Key

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

2012 Source Sheets



Santiago Peak 2012 7.5-minute, 24000



Lake Forest 2012 7.5-minute, 24000

1997 Source Sheets



Santiago Peak 1997 7.5-minute, 24000 Aerial Photo Revised 1994



El Toro 1997 7.5-minute, 24000 Aerial Photo Revised 1994

1988 Source Sheets



Santiago Peak 1988 7.5-minute, 24000 Aerial Photo Revised 1985

1982 Source Sheets



Santiago Peak 1982 7.5-minute, 24000 Aerial Photo Revised 1980



El Toro 1982 7.5-minute, 24000 Aerial Photo Revised 1980

Topo Sheet Key

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

1981 Source Sheets



El Toro 1981 7.5-minute, 24000 Aerial Photo Revised 1978

1978 Source Sheets



El Toro 1978 7.5-minute, 24000 Aerial Photo Revised 1974

1968, 1973 Source Sheets



El Toro 1968 7.5-minute, 24000 Aerial Photo Revised 1967



Santiago Peak 1973 7.5-minute, 24000 Aerial Photo Revised 1973

1950, 1954 Source Sheets



El Toro 1950 7.5-minute, 24000 Aerial Photo Revised 1946



Santiago Peak 1954 7.5-minute, 24000 Aerial Photo Revised 1949

Topo Sheet Key

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

1949 Source Sheets



El Toro 1949 7.5-minute, 24000 Aerial Photo Revised 1946

1942 Source Sheets



SANTIAGO PEAK 1942 15-minute, 50000

1935 Source Sheets

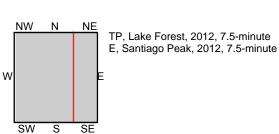


El Toro 1935 7.5-minute, 31680

1902 Source Sheets



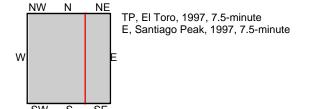
Corona 1902 30-minute, 125000



SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

Silverado, CA 92676



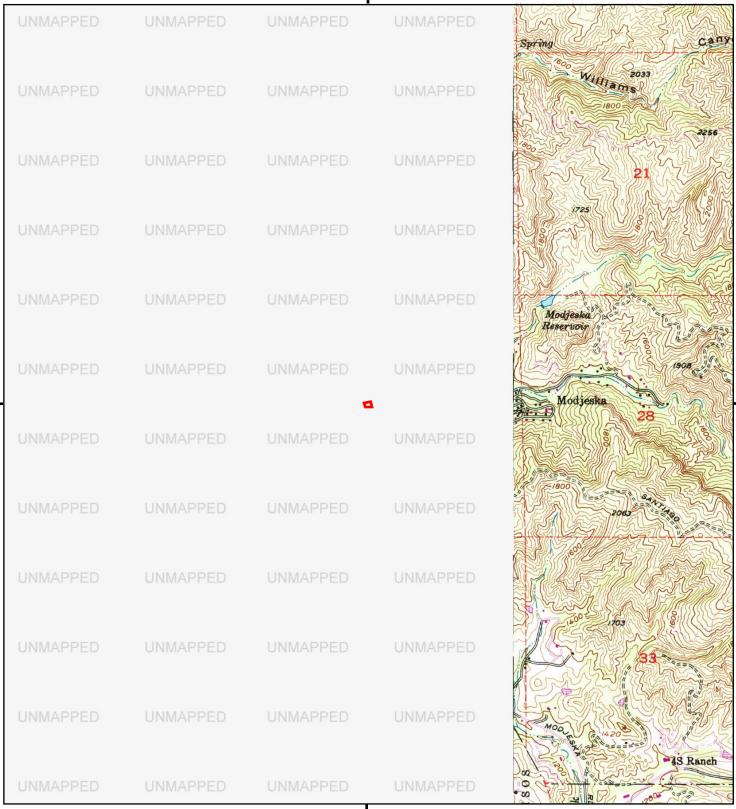


SITE NAME: Modjeska Canyon Road

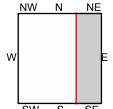
ADDRESS: Modjeska Canyon Road Silverado, CA 92676



Historical Topo Map



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



E, Santiago Peak, 1988, 7.5-minute

0 Miles 0.25 0.5 1

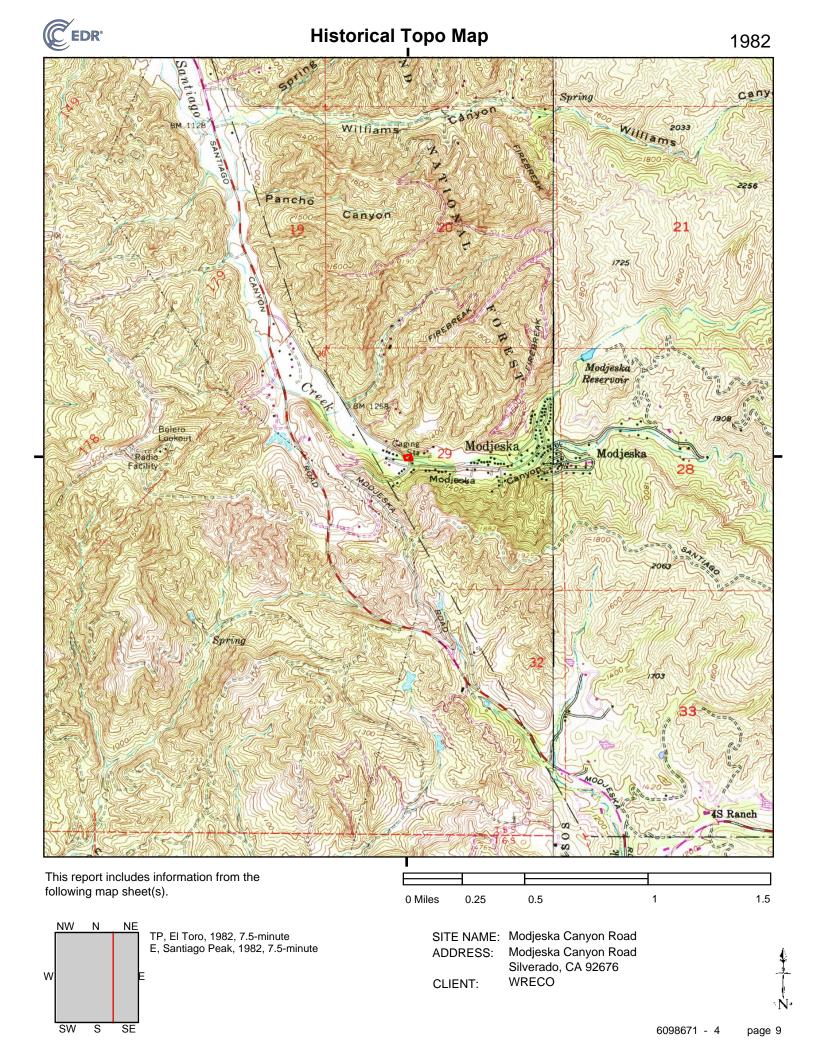
SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

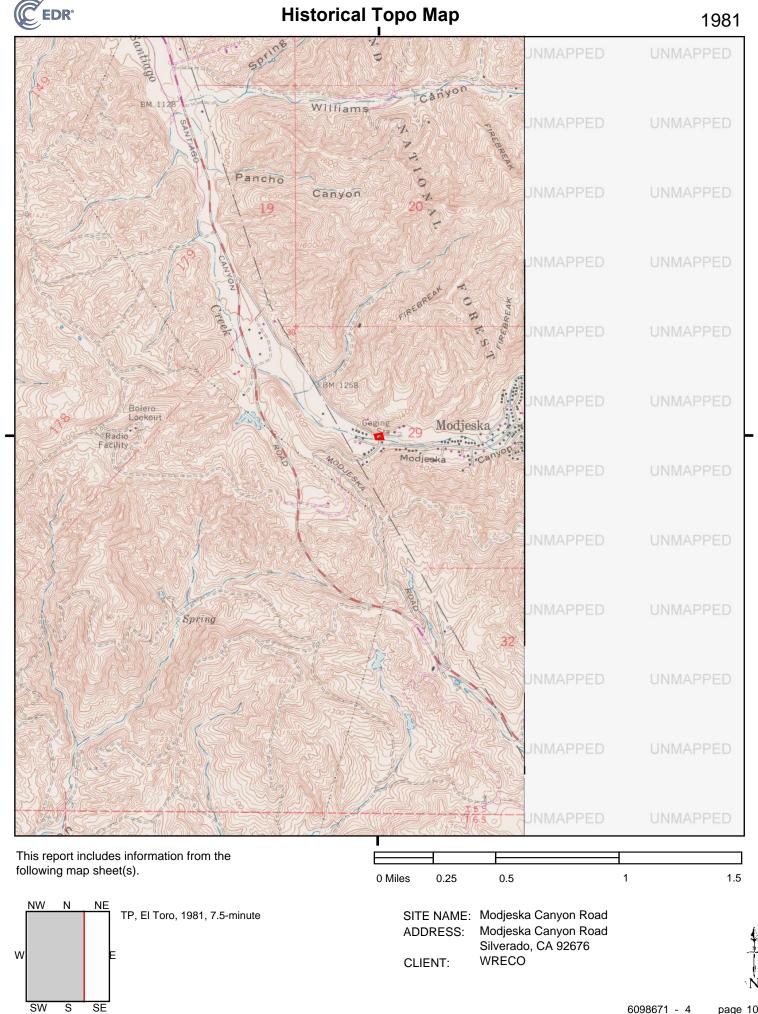
Silverado, CA 92676

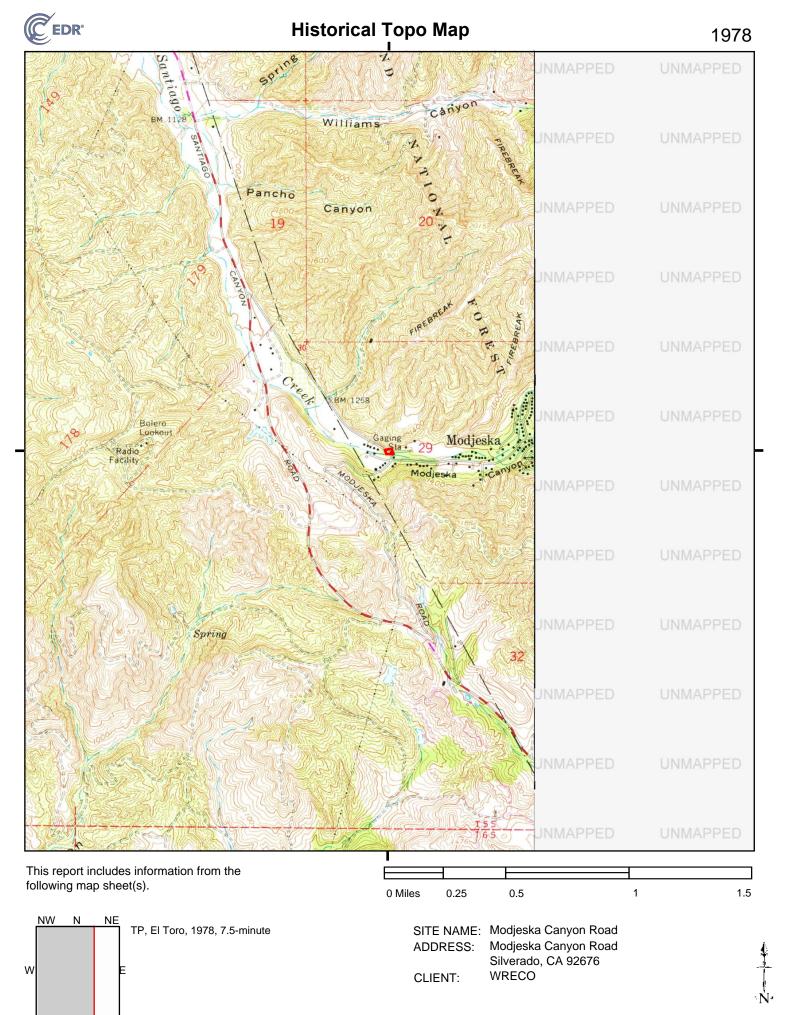
CLIENT: WRECO



1.5

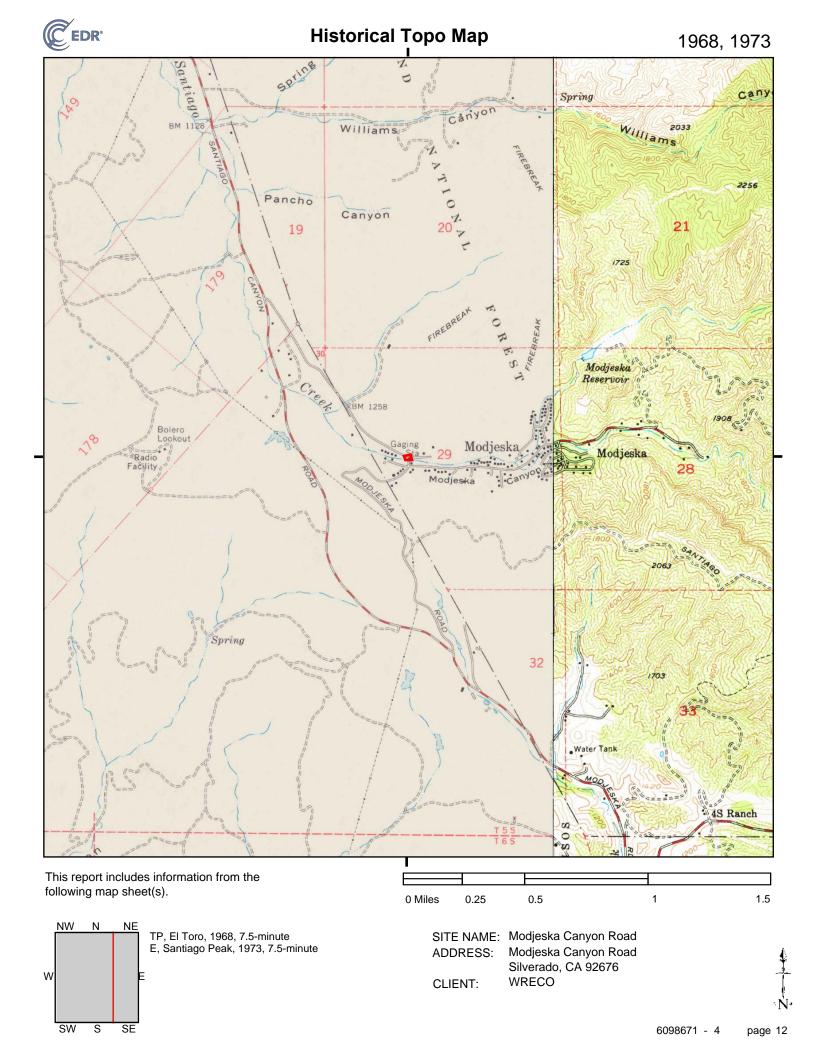




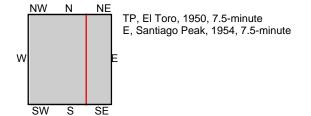


SW

S



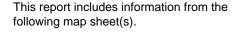
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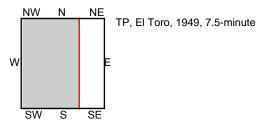


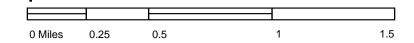
0 Miles 0.25 0.5 1 1.5

SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

Silverado, CA 92676



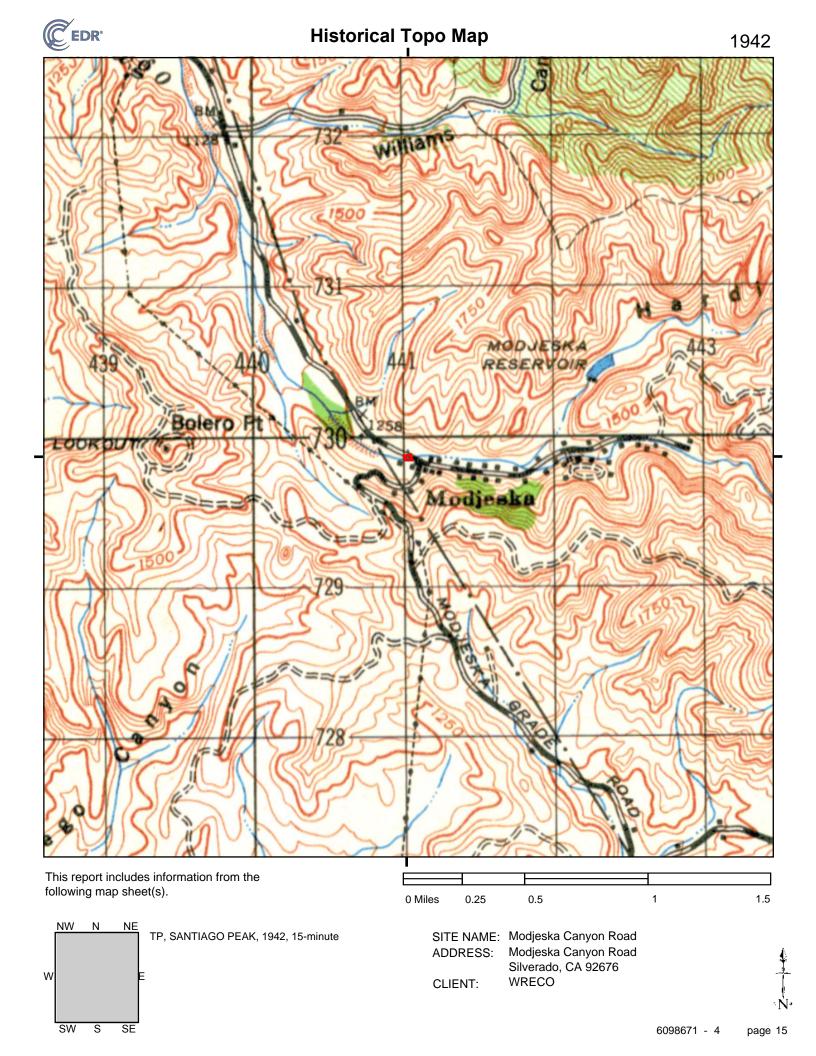


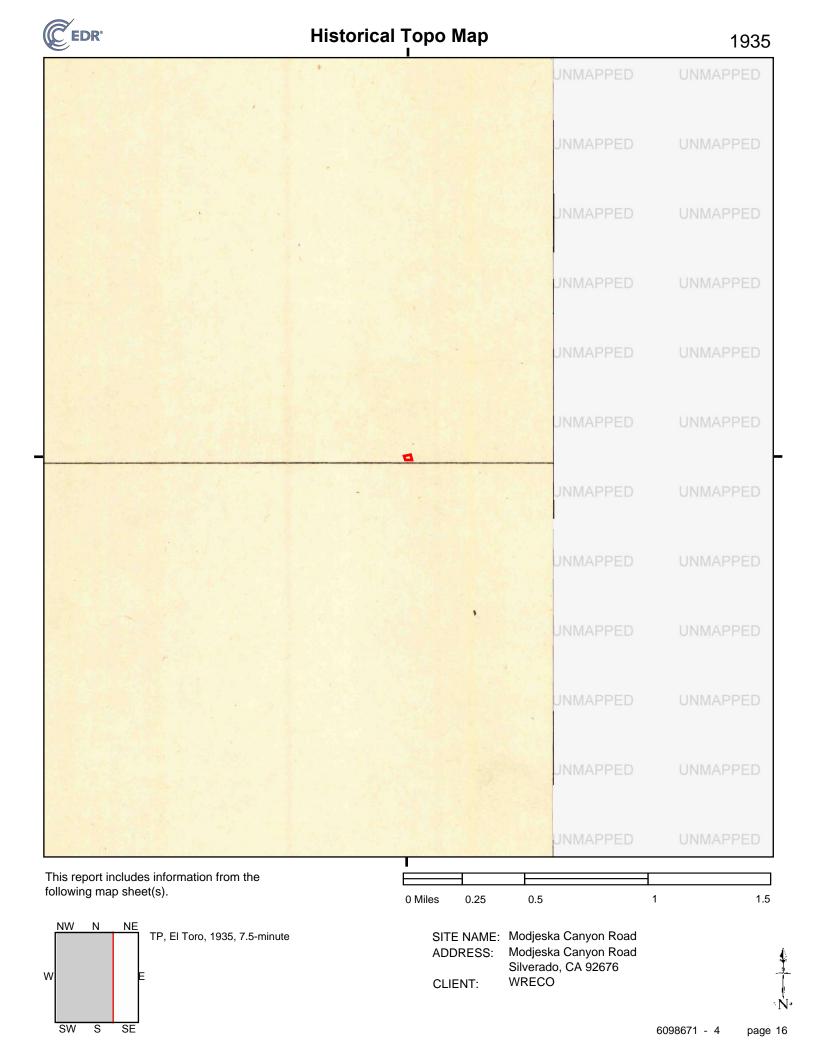


SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

Silverado, CA 92676







W

TP, Corona, 1902, 30-minute

SITE NAME: Modjeska Canyon Road ADDRESS: Modjeska Canyon Road

Silverado, CA 92676



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Appendix D The EDR Aerial Photo Decade Package

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Modjeska Canyon Road

Modjeska Canyon Road Silverado, CA 92676

Inquiry Number: 6098671.8

June 19, 2020

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

06/19/20

Site Name: Client Name:

Modjeska Canyon Road WRECO

Modjeska Canyon Road 1243 Alpine Rd Ste 108 Silverado, CA 92676 Walnut Creek, CA 94596 EDR Inquiry # 6098671.8 Contact: Joseph Mcconnell



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

Search Results:

<u>Scale</u>	<u>Details</u>	Source
1"=500'	Flight Year: 2016	USDA/NAIP
1"=500'	Flight Year: 2012	USDA/NAIP
1"=500'	Flight Year: 2009	USDA/NAIP
1"=500'	Flight Year: 2005	USDA/NAIP
1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1"=500'	Flight Date: August 29, 1990	USDA
1"=500'	Flight Date: August 03, 1989	USDA
1"=500'	Flight Date: September 13, 1985	USDA
1"=500'	Flight Date: November 06, 1974	USGS
1"=500'	Flight Date: May 07, 1967	USGS
1"=500'	Flight Date: December 12, 1952	USDA
1"=500'	Flight Date: May 05, 1949	USDA
1"=500'	Flight Date: December 29, 1946	USGS
1"=500'	Flight Date: June 21, 1938	USDA
	1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500' 1"=500'	1"=500' Flight Year: 2016 1"=500' Flight Year: 2012 1"=500' Flight Year: 2009 1"=500' Flight Year: 2005 1"=500' Acquisition Date: June 01, 1994 1"=500' Flight Date: August 29, 1990 1"=500' Flight Date: August 03, 1989 1"=500' Flight Date: September 13, 1985 1"=500' Flight Date: November 06, 1974 1"=500' Flight Date: May 07, 1967 1"=500' Flight Date: December 12, 1952 1"=500' Flight Date: May 05, 1949 1"=500' Flight Date: December 29, 1946

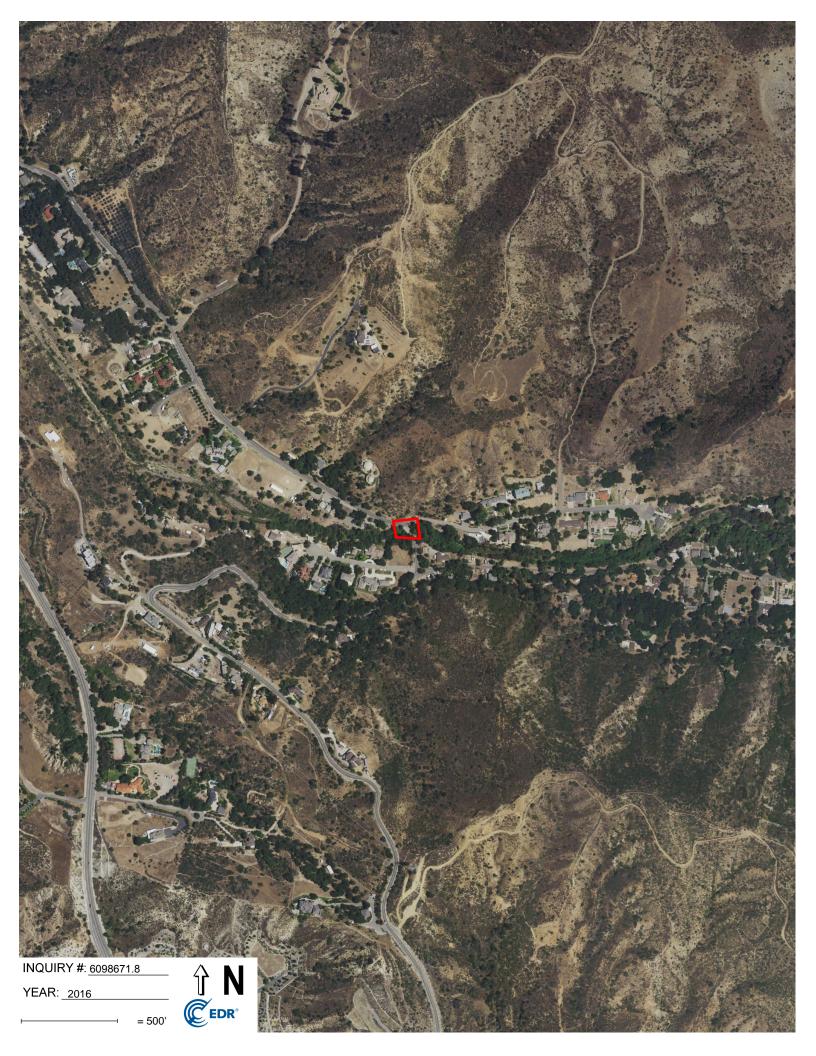
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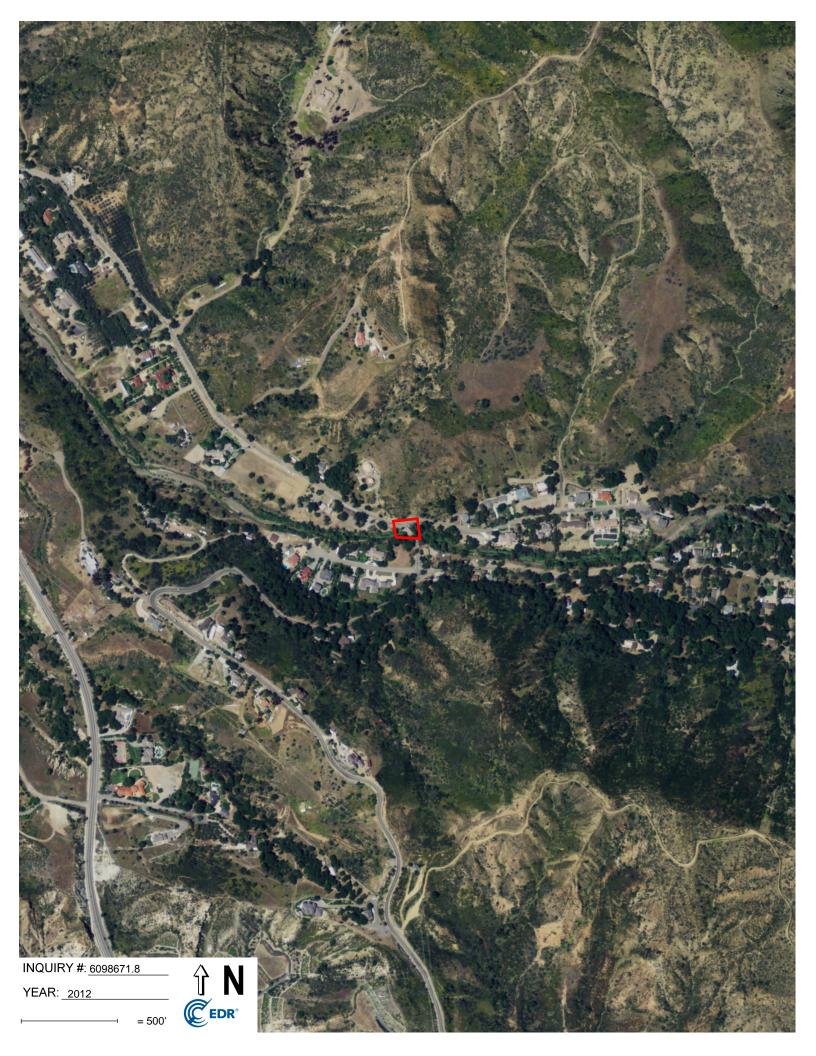
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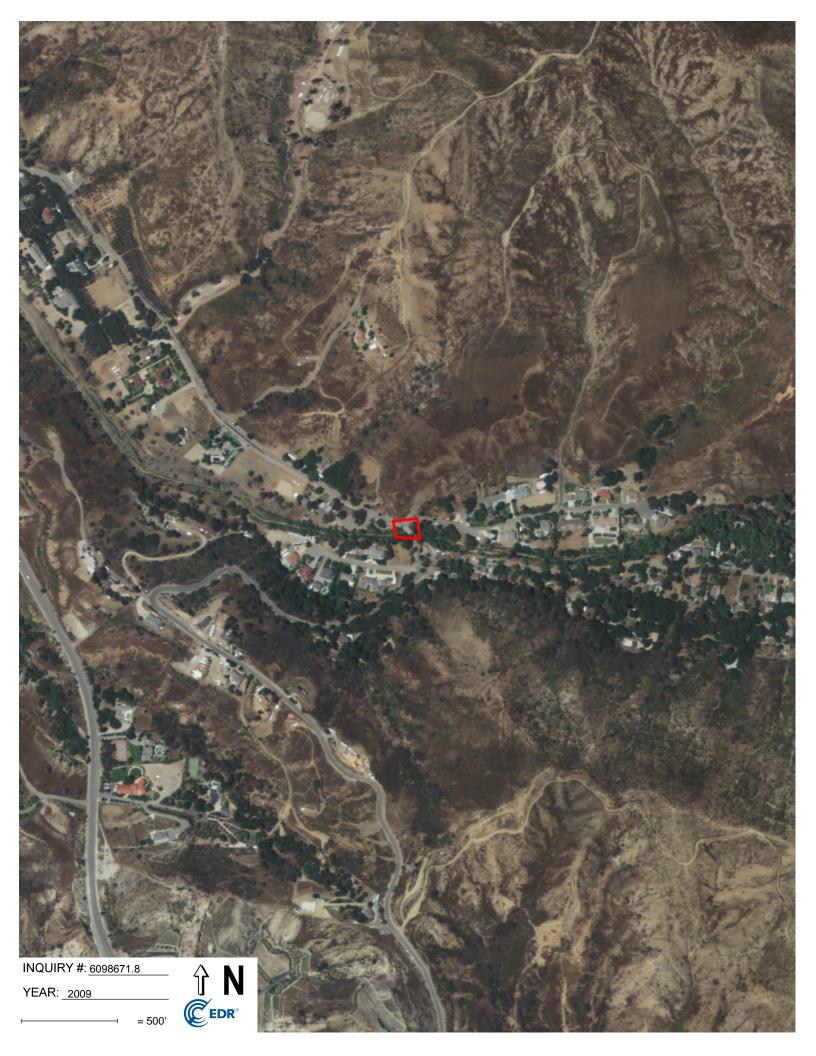
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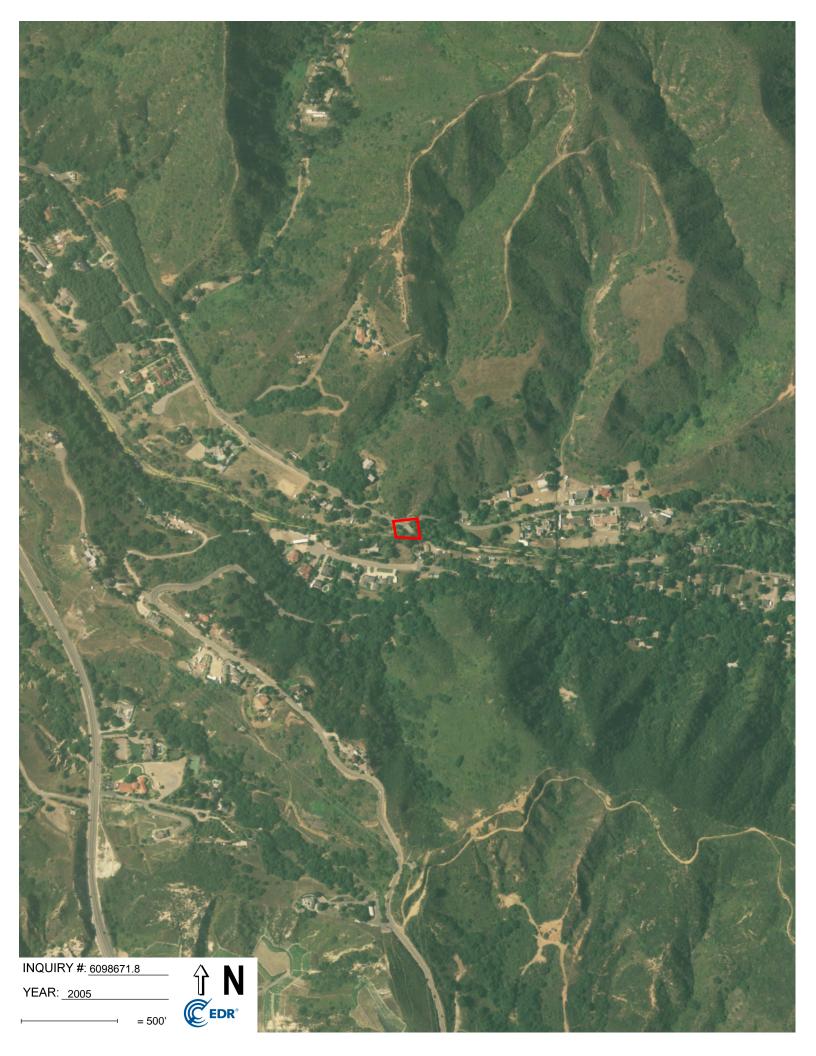
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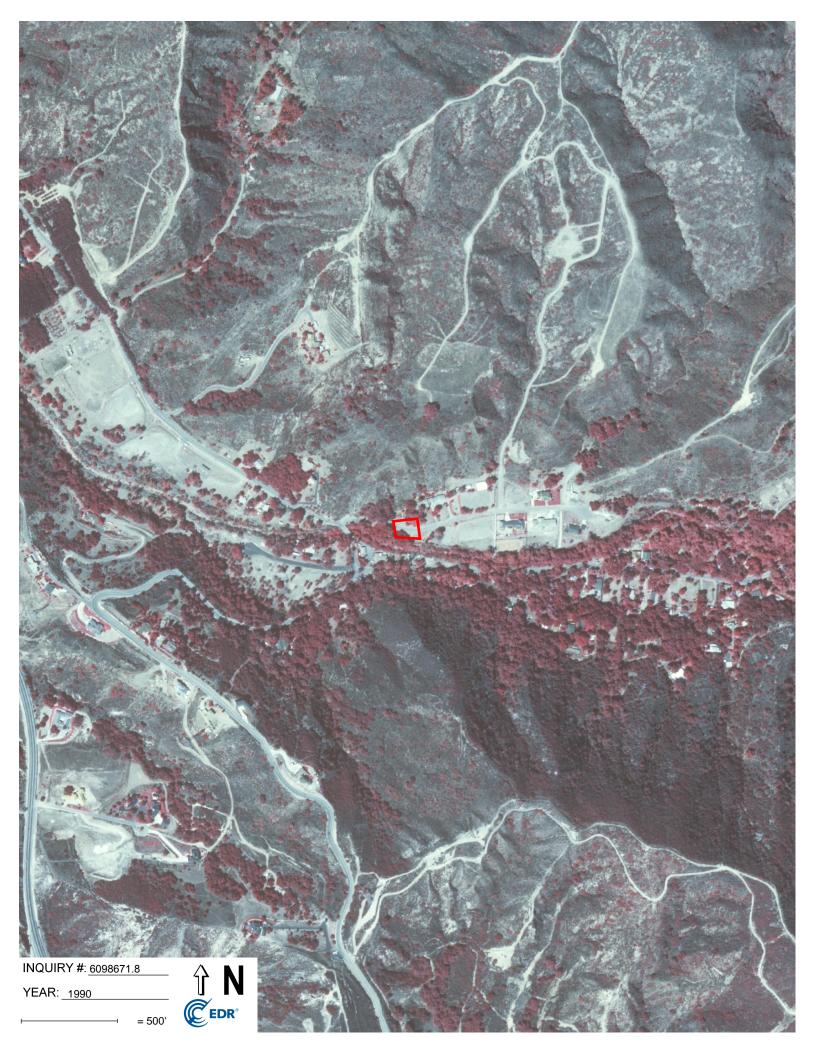


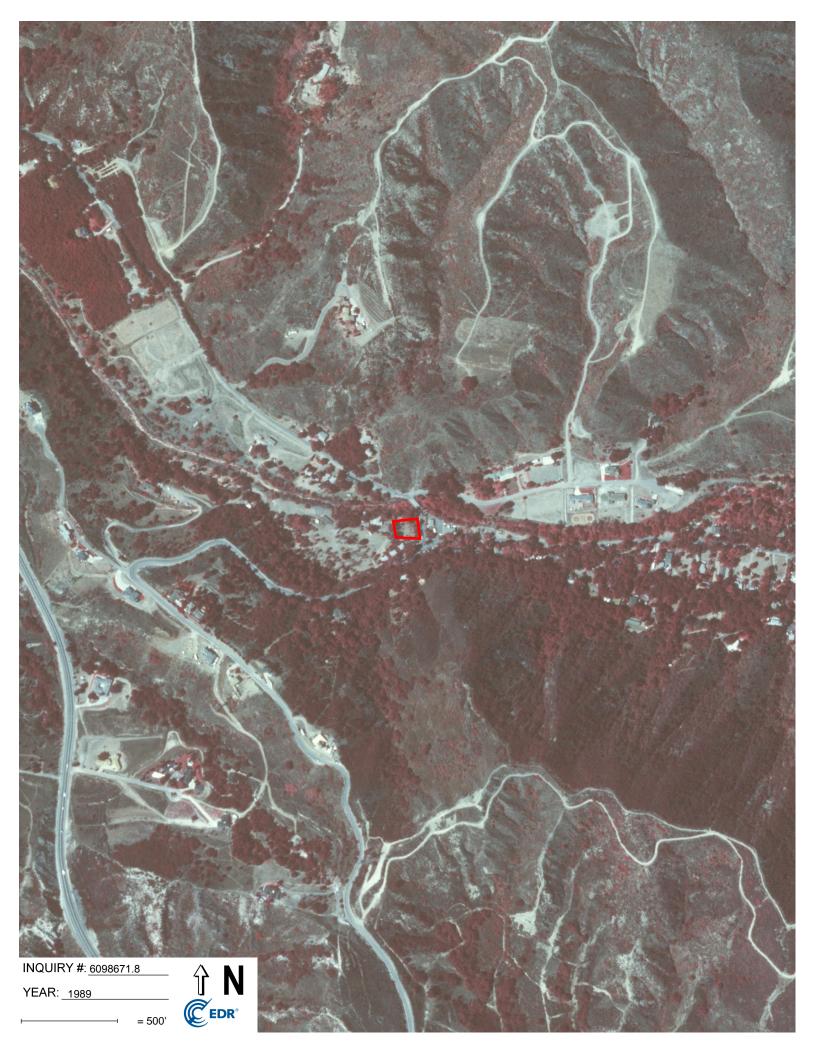


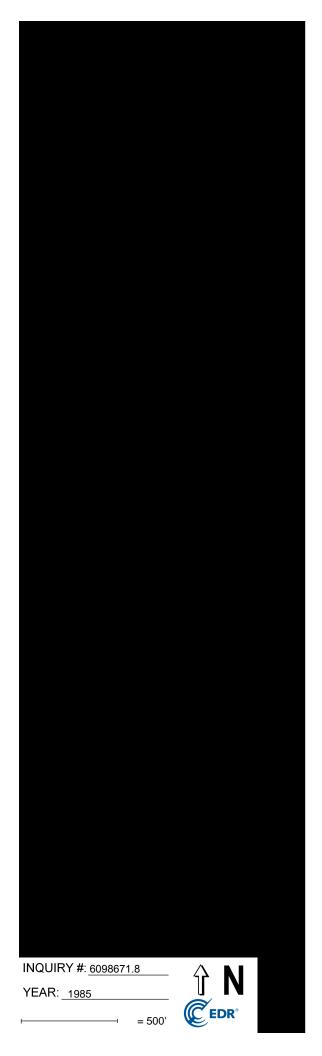












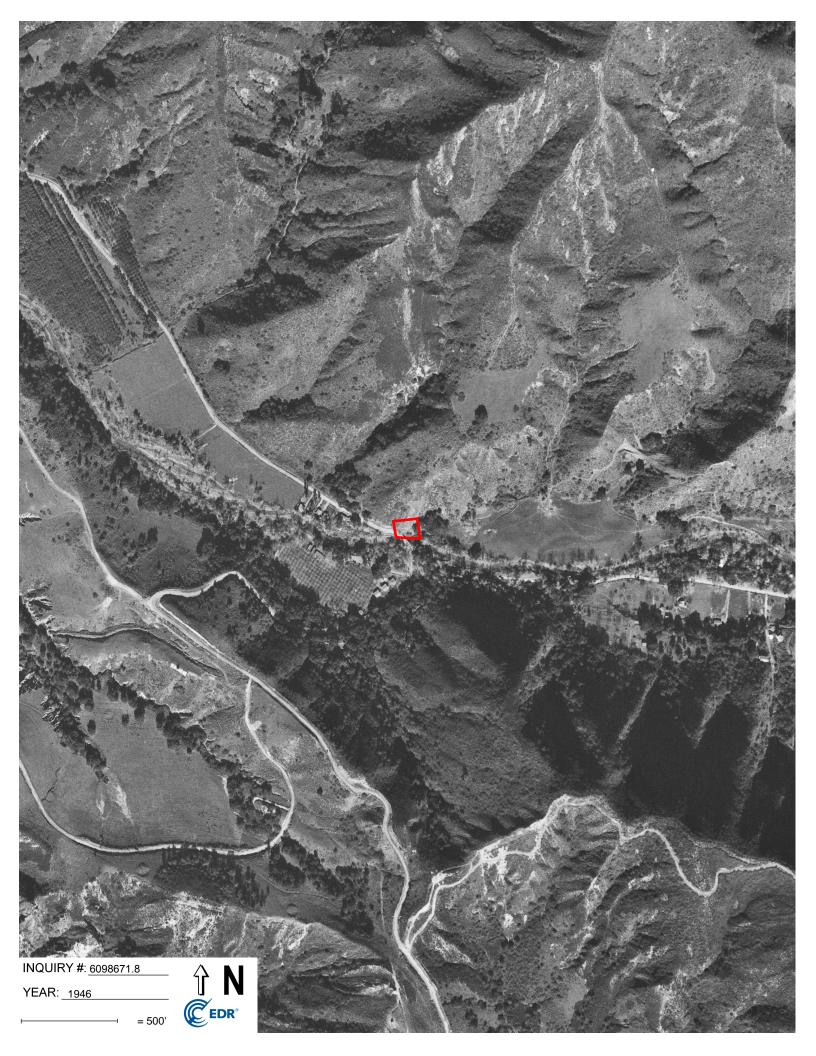














Appendix E Certified Sanborn® Map Report

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Modjeska Canyon Road Modjeska Canyon Road Silverado, CA 92676

Inquiry Number: 6098671.3

June 19, 2020

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

06/19/20

Site Name: Client Name:

Modjeska Canyon Road WRECO

Modjeska Canyon Road 1243 Alpine Rd Ste 108
Silverado, CA 92676 Walnut Creek, CA 94596
EDR Inquiry # 6098671.3 Contact: Joseph Mcconnell



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

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Certification # 247D-4C8E-9ED1

PO# P18066

Project Modjeska Canyon Road Bridge

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 247D-4C8E-9ED1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

✓ University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix F The EDR-City Directory Image Report

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Modjeska Canyon Road

Modjeska Canyon Road Silverado, CA 92676

Inquiry Number: 6098671.5

June 25, 2020

The EDR-City Directory Image Report



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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2014	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2010	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2005	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2000	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1995	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1992	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1987	$\overline{\checkmark}$		Haines Criss-Cross Directory
1982	$\overline{\checkmark}$		Haines Criss-Cross Directory
1976	$\overline{\checkmark}$		Haines Criss-Cross Directory
1973	$\overline{\checkmark}$		Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Modjeska Canyon Road Silverado, CA 92676

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
MODJESKA CANYON RD		
2014	pg A2	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A11	EDR Digital Archive
1995	pg A13	EDR Digital Archive
1992	pg A15	EDR Digital Archive
1987	pg A16	Haines Criss-Cross Directory
1987	pg A17	Haines Criss-Cross Directory
1982	pg A18	Haines Criss-Cross Directory
1982	pg A19	Haines Criss-Cross Directory
1976	pg A20	Haines Criss-Cross Directory
1976	pg A21	Haines Criss-Cross Directory
1973	pg A22	Haines Criss-Cross Directory

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FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
MARKUSO	ON RD		
2014	pg. A1	EDR Digital Archive	
2010	pg. A4	EDR Digital Archive	
2005	pg. A7	EDR Digital Archive	
2000	pg. A10	EDR Digital Archive	
1995	pg. A12	EDR Digital Archive	
1992	pg. A14	EDR Digital Archive	
1987	-	Haines Criss-Cross Directory	Street not listed in Source
1982	-	Haines Criss-Cross Directory	Street not listed in Source
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1973	-	Haines Criss-Cross Directory	Street not listed in Source

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28401	TAMMEN, CLAUDIA L
28441	PARSONS, MARY E
28481	GAMEL, TURNER
28492	HASSETT, KENNETH L
28531	OCCUPANT UNKNOWN,
28561	MITCHELL, WAYNE A
28562	KUSTICH, ROBERT A
28591	AMATO, VINCENT J
28592	SARKISSIAN, GEOFFREY Y
28611	MCCAULEY, LOIS C
28612	CROCKER, MARK L

	medeletik ekit letika 2011
17321	HUNT, MARY
17350	CASTRUITA, LORRAINE A
17352	ALVES, CHRISTOP A
17354	SILL, SASHA
17356	VASQUEZ, LITHA Y
17391	BROWN, DANNY E
28072	CALTHARP, GARY W
	KINSMAN, JOHN S
	SAMPSON, JESSICA A
28092	RIEGLE, KENNETH C
28100	BATES, GREG C
28142	CAMPOS, FRANK M
28182	COFFEY, MARIA R
28201	EDGAR, SHERYL L
28202	VILORIA, BENNY H
28222	OCCUPANT UNKNOWN,
28271	HARE, DANIEL T
28331	MCWILLIAMS, PHILIP A
28371	HUNT, ROBERT C
28372	ACCONGIO, PAUL B
28422	SWEENEY, ERIC
28452	OCCUPANT UNKNOWN,
28456	STRELOW, TOM E
28502	CORONA, EUGENE A
28546	LANDERS, KENNETH C
28592	KERSH, RICHARD R
	SIGNS BY KERSH
28602	KERSH, RICHARD R
28611	MCKINLAY, WILLIAM
28612	OCCUPANT UNKNOWN,
28614	WEEL, MARTIN D
28631	BURBA, TOM R
28640	MATTHEWS, RIK W
28641	FRICK, BRIAN J
28642	RSSE STRUCTURAL ENGINEERS
28651	DAY, BRUCE S
28661	KLINGER, RICHARD E
28671	WISHART, PAMELA
28682	MANNING, ROGER B
28687	TRIZINSKY, DENISE
28691	MARTINEZ, GUILLERMO L
28711	WHITFIELD, JAHNATHON V
28721	WILLIAMS, JASON R
28722	SCHULTZ, BOYD L
28726	MOORE, TRACY S
28728	TALBOTT, JEFFERSON F
28730	NEWELL, EDWARD R
28732	FRIESEN, BRIAN G
28745	HETZEL, YASHA L
28751	SCHROEDER, JON

MODJESKA CANYON RD 2014 (Cont'd)

00750	LANE IFFE O
28752	LANE, JEFF S
28762	THOMPSON, MICHAEL W
28810	WATROUS, GEORGE S
28811	CAIN, MICHAEL
28815	WOODWARD, MARK L
28822	CAMPBELL, JAMES W
28842	METZGER, THEODORE E
28852	ALBRIGHT, SHERI L
28871	VOEHL, RALPH A
28872	STINSON, TIMOTHY L
28875	JAMES, SONDRA J
28879	MCNEIL, DAVID J
28881	RODEWALD, DAVID B TEMPLE, MICHAEL L
28882 28890	
28891	OCCUPANT UNKNOWN,
28892	HOYER, MARK A
28902	CHAMPION, ROBERT M
28952	CHAMPION, ANNE M
20902	RIEDEL, BRITTANY K
29102	
29122	,
29221	MARTINEZ, CRYSTAL
29235	GIACINTO, SAL G
29241	BISHOP, MARCIA A
29252	•
29255	HINGLE, CHRIS F
20200	KUSTICH, NATALIE E
	NARANJO, ANDREW
29257	FINCH, GEORGE T
29295	OCCUPANT UNKNOWN,
29305	MURREN, DAVID C
	PRESCOTT, ALFONSO
29322	TUCKER WILDLIFE SANCTUARY
29351	SHALD, SCOTT D
29371	GRAVES, DEBORAH H
29372	HULBROCK, ROBERT F
29412	RELYEA, DANIEL
29418	DUFF, STEVEN G
29421	WRIGHT, CHARLES E
29422	BROWN, WILLIAM D
29433	SILL, JAMES C
29442	LABAR, PAULA J
29456	GANNAWAY, JOHN D

28401	TAMMEN, CLAUDIA
28441	OCCUPANT UNKNOWN,
28452	OCCUPANT UNKNOWN,
28481	OCCUPANT UNKNOWN,
28492	HASSETT, KENNETH L
28531	AGUIRRE, JANEESE
28532	POWER, JEFF R
28561	MITCHELL, WAYNE A
28562	KUSTICH, ROBERT A
28591	AMATO, VINCENT J
28592	SARKISSIAN, GEOFFREY Y
28611	DEWOLF, GEOFFREY
28612	SLOAN, REBECCA

16956	OCCUPANT UNKNOWN,
17350	OCCUPANT UNKNOWN,
17352	ALVES, CHRISTOP A
17356	VASQUEZ, LITHA Y
17391	BROWN, DANNY E
	SIL MOD PROPANE INC
27992	LITZ, ALAN M
28012	KUSICKI, LIDIA A
28051	NOLAN-RIEGLE, MARY C
28072	CALTHARP, GARY W
28100	BATES, GREGORY C
28182	DESIGNS UNVEILED
0.0	MUNSEY, PHILIP M
28201	OCCUPANT UNKNOWN,
28202	VILORIA, BENNY D
28222	OCCUPANT UNKNOWN,
28271	HARE, DANIEL T
28331	MCWILLIAMS, PHILIP A
28371	OCCUPANT UNKNOWN,
28372	OCCUPANT UNKNOWN,
28422	FERGUSON, OWEN M
28456	STRELOW, JAMES C
28502	CORONA, EUGENE A
28532	FREDETTE, LORE
28546	FRIDAY, DALE
28592	KERSH, ALVERDA R
20392	SIGNS BY KERSH
28600	OCCUPANT UNKNOWN,
28602	KERSH, RICHARD R
28611	MCKINLAY, WILLIAM
28612	LANG, ALFRED J
20012	MAKING MUSIC
28614	WEEL, MARTIN D
28621	OCCUPANT UNKNOWN,
28631	·
28640	OCCUPANT UNKNOWN,
	MATTHEWS, RIK W FRICK, BRIAN J
28641 28642	
	SCHEIBEL, ROBERT D
28651	DAY, BRUCE S
28661	KLINGER, RICHARD E
28671	JOHNSTONE, THOMAS C
28672	KINSMAN, JOHN S
28682	MANNING, ROGER B
28687	TRIZINSKY, DENISE
28691	MARTINEZ, GUILLERMO L
28711	WHITFIELD, JAHNATHON V
28721	WISHART, JENNIFER L
28722	SCHULTZ, BOYD L
28726	WATTS, ADAM
28728	TALBOTT, JEFFERSON F

MODJESKA CANYON RD 2010 (Cont'd)

00700	NEWELL BRUCE II
28730	NEWELL, BRUCE H
28732	PARKS, CRYSTAL L
28745	HETZEL, YASHA L
28751	SCHROEDER, JON
28752	LANE, JEFF
28762	THOMPSON, MICHAEL W
28810	ROZELLE, MARK A
28811	OCCUPANT UNKNOWN,
28815	OCCUPANT UNKNOWN,
28822	CAMPBELL, JAMES D
28842	LAZARONY, LAURIE M
28852	ALBRIGHT, SHERI L
28871	VOEHL, RALPH A
28872	STINSON, TIMOTHY L
28875	JAMES, SONDRA J
28879	MCNEIL, DAVID J
28882	TEMPLE, MICHAEL L
28890	MODJESKA COMMUNITY CTR
28891	OCCUPANT UNKNOWN,
28892 28902	HOYER, MARK A
	CHAMPION, ROBERT M
28952	MEDINA, DAVID S
29042	OCCUPANT UNKNOWN,
29222	OCCUPANT UNKNOWN,
29235	OCCUPANT UNKNOWN,
29241	BISHOP, MARCIA C
29252	WARD, DAN R
29255	HINGLE, CHRIS F
	KUSTICH, NATALIE NARANJO, ANDREW
	TERRY, RYAN
29257	FINCH, GEORGE T
29295	OCCUPANT UNKNOWN,
29305	CARVER, BLAKE
29303	DILEO, ERIC J
	OCCUPANT UNKNOWN,
	PRESCOTT, ALFONSO
	WALKER, JUSTIN J
29322	TUCKER WILDLIFE SANCTUARY
29351	SHALD, SCOTT D
29371	ENOCHS, STEVE R
29372	HULBROCK, ROBERT F
29412	RELYEA, MICHAEL J
29418	OCCUPANT UNKNOWN,
29421	STOKES, DAVID J
29421	BROWN, WILLIAM D
29422	SILL, JAMES C
29433 29442	LABAR, WILLIAM A
29456	GANNAWAY, JOHN D
∠3 1 30	CARTA WATER OCT IN D

28401	ARMBRUSTER, DON C
28441	OCCUPANT UNKNOWN,
28481	TURNER, MARY A
28492	HASSETT, KENNETH L
28531	HYDRATION DIRECT
	POWER, GARY L
28532	LAW OFFICE OF RICH
	STRATTON, JAY C
28561	MITCHELL, WAYNE A
28562	KUSTICH, ROBERT A
28591	AMATO, VINCENT J
28592	SARKISSIAN, GEOFFREY Y
28611	MACE, JAMES K
28612	ANDREWS, MARK A

40050	
16956	OCCUPANT UNKNOWN,
17286	MORRIS, JESS A
17350	DECOPI PUBLISHING
47050	OCCUPANT UNKNOWN,
17352	OCCUPANT UNKNOWN,
17354	MOORE, WILLIAM R
17356	VASQUEZ, LITHA Y
17391	BROWN, DANNY E
07000	MODJESKA COUNTRY STORE
27992	LITZ, ALAN M
28051	MYERS, RAY R
28072	OCCUPANT UNKNOWN,
28100	BATES, GREGORY C
28182	MUNSEY, PHILIP M PONY EXPRESS
28192	
28202 28222	VILORIA, BENNY H
28271	OCCUPANT UNKNOWN, HARE, DANIEL T
28331	COMBS, AARON
28352	WILLARD, JAMES J
28371	OCCUPANT UNKNOWN,
28372	LUCY, LESLIE P
	FERGUSON, OWEN M
28452	OROZCO, JOHN
28456	OCCUPANT UNKNOWN,
28502	CORONA, EUGENE A
28532	SEEMANN, ROGER W
28592	KERSH SIGNS
	KERSH, ALVERDA
28600	OCCUPANT UNKNOWN,
28602	KERSH, RICHARD R
28611	ABRAHAMSON, RAY H
28612	LANG, ALFRED J
	MAKING MUSIC
28614	WEEL, MARTIN
28621	OCCUPANT UNKNOWN,
28631	OCCUPANT UNKNOWN,
28640	MATTHEWS, RIK W
28641	FRICK, BRIAN J
28642	SCHEIBEL, ROBERT D
28651	DAY, BRUCE S
28661	KLINGER, RICHARD E
28671	MUDD, JOHN A
28672	KINSMAN, JOHN S
28682	MANNING, DORIS L
28687	TRIZINSKY, DENISE
28691	MARTINEZ, GUILLERMO L
28711	WHITFIELD, JAHNATHON V
28721	VOGEL, FRED
28722	SCHULTZ, BOYD L

MODJESKA CANYON RD 2005 (Cont'd)

	mobolona of an income	(33111 4)
28726	6 MARQUEZ, ANDREW L	
28728		
28730	NEWELL, BIRKIN H	
28732	2 DUDLEY, PAUL L	
2874	5 HETZEL, YASHA L	
2875	I SCHROEDER, JON	
28752	2 HUENEFELD, CHARLANE	
28762	2 THOMPSON, MICHAEL W	
2881	OCCUPANT UNKNOWN,	
28842	2 LAZARONY, LAURIE M	
28852	2 ALBRIGHT, RUSSELL E	
2887	I VOEHL, RALPH A	
28872	,	
2887	5 WALDO, JACK D	
28879	OCCUPANT UNKNOWN,	
2888		
28882	2 MICHAEL TEMPLE TRUCKING	
	TEMPLE, MICHAEL L	
28890	MODJESKA COMMUNITY CENTER	
28892		
28902		
28952		
	CONAWAY, MEGAN	
29102	·	
29122	•	
29222		
2923	·	
2924		
29252	·	
2925	· · · · · · · · · · · · · · · · · · ·	
29257	•	
29262		
2929		
2930	,	
	DILEO, ERIC	
	OCCUPANT UNKNOWN,	
	PAREDES, ALFONSO	
29322	PRESCOTT, ALFONSO TUCKER WILDLIFE SANCTUARY	
2935		
2937		
2931	CONSTRUCTION & DEV MGMT I	
	ENOCHS, STEVEN R	
29372		
29412		
2942 ²		
2942		
2943		
29442	·	
29456		
_0.00		

	MARROSON RD	2000
17398 28401 28561 28562 28611	ARMBRUSTER, DON MITCHELL, WAYNE A KUSTICH, ROBERT A	

28182	MUNSEY, PHILIP M
28271	HARE, D
28331	COMBS, AARON
28372	MEANS, RICHARD
28456	STRELOW, TOM E
28502	CORONA, EUGENE A
28532	GRIFFITH, WILLIAM M
	SEEMANN, ROGER W
28592	KERSH, DALE L
28612	SALNESS, ANN
28614	DAVIS, L
28621	KETRON, STEPHEN
28640	MATTHEWS, RIK
28641	FRICK, BRIAN
28651	DAY, BRUCE S
28682	WILLIAMS, LAURA
28691	MARTINEZ, G
28711	WHITFIELD, JAHN
28721	VOGEL, FRED
28730	·
28732	DUDLEY, PAUL
28745	
28751	JOHNSON, PETER
28842	LAZARONY, LORI M
28852	ALBRIGHT, R
	HINKLE, BRIAN
28875	WALDO, JACK
28881	RAINS, MICHELE
28902	NELSON, CARLA R
28952	CHAMPION, ANNE M
29122	RIGNEY, THOMAS
29235	GIACINTO, SAL
29257	HOLLENBECK, JEFF
29295	COYTE, CHRIS
29305	PAREDES, ALFONSO
29351	SEEMAN, KIM

28561	QUAIL GARDENS MITCHELL, WAYNE A KUSTICH, ROBERT A

	MODJESKA CANTON RD 1995
	VILORIA, BENNY HARE, DANIEL
28502	SAMUEL, C R CORONA, EUGENE A
	KERSH SIGNS
	DAVIS, KAY
	ASSEMBLY SYSTEMS ENGINEERING NEWELL, BRUCE
28811	METZGER, T E
	MILAM, BRIAN MODJESKA COMMUNITY CTR
20090	WODJESKA COMMONITI CTK

Target Street Cross Street Source
- Source EDR Digital Archive

MARKUSON RD 1992

28532 QUAIL GARDENS 28562 KUSTICH, ROBERT A 28611 GROENDYCKE, TODD SICHENZIA, PAUL

Target Street Cross Street Source

→ EDR Digital Archive

4=004	DD01/01 D41/0/5
17391	BROWN, DANNY E
28201	EDGAR, DAVID
28202	VILORIA, BENNY H
28271	HARE, DANIEL T
28352	BURNS, G C
00.450	FIELDS, BARRY F
28456	LEWIS, FRANK D
28502	•
28532	SEEMAN, ROGER W
28592	KERSH, DALE L
28612	EDWARDS, JERRY
28640	MATTHEWS, RIK
28641	FRICK, BRIAN
28651	DAY, BRUCE S
28661	KLINGER, RICHARD
28681	DUNCAN, DALE W
28687	DAVLIN, J
28711	TALBOTT, J F
28721	VOGEL, FRED
28730	NEWELL, BRUCE H
28751	MCARTHUR, E
28811	BATES, GREGORY C
28815	MANCINO, DAVID S
28842	SMITH, FRED L
28852	ALBRIGHT, R
28872	BATES, GARY R
28875	- <i>i</i>
28952	,
29235	GIACINTO, SAL
29252	KEENER, CLYDE
29297	SMITH, RON
29418	EDWARDS, TOM
29422	BATES, RICHARD A

MOD	DJESKA CNYN F	RD
	67 ORANGE	
16956	ALLEN ARCHIE E	649-2278
17001	XXXX	00
17071	XXXX	00
17352	SEEMANN ROGER W	649-2321
17354	CAREY PATRICK J	649-2857
17355	XXXX	00
17356	XXXX	00
17391	BROWN DANNY E	649-2193
17398	XXXX	00
28201	XXXX	00
28202	VILORIA BENNY	649-2919
28232	XXXX	00
28271	HARE DANIEL T	649-2990
28272	XXXX	00
28331	TAYLOR CARL R	649-2646
28332	XXXX	00
28352	FIELDS BARRY F	649-2454 +
28371	KRIER MICHAEL	649-2166
28372	XXXX	00
28452	XXXX	00
28456	LEWIS FRANK D	649-2709
28502	HOLT FREDERICK	649-2580
28532	FREDETTE CHRISTA	649-2719
	FREDETTE ED	649-2719
28548	GIACINTO SAL	649-2571
28592	*KERSH DALE L	649-2057
	*KERSH SIGNS	649-2057
28600	XXXX	00
28602	XXXX	00
28611	XXXX	00
28614	DAVIS JOE	649-2433
	DAVIS SHAWN	649-2433
28621	XXXX	00
28640	MATTHEWS RIK	649-2489 +
28642	XXXX	00
28651	DAY B SANFORD	649-2432
	DAY BRUCE S	649-2432
28661	KLINGER RICHARD	649-2507
28672	KINSMAN FRANCINE	649-2019
	KINSMAN JOHN	649-2019
28681	DUNCAN DALE W	649-2031
28682	XXXX	00
28687	XXXX	00
28691	ANTENORE JAS	649-2844
28711	TALBOTT JEFFERSON F	649-2893
28721	VOGEL FRED	649-2602
28722	MILLER DEAN BRYANT	649-2346 +
28726	MCKAY LAMAR F	649-2217

LOOM	ESKA CNYN RD	92667 CONT
28728		649-2779
28730	C. Garino Garini III	
20100	NEWELL BETH	649-2800
29722	NEWELL BRUCE H	649-2800
28732	XXXX	00
28745	HETZEL LEO	649-2963
28751	MCARTHUR ELFRIEDA	649-2220
28752	XXXX	00
28762	XXXX	00
28811	HOWELL PHYLLIS T	649-2617
	HOWELL ROBT L	649-2617
28842	SMITH FRED LEROY	649-2517
28852	ALBRIGHT R	649-2802
	ALBRIGHT S	649-2802 3
	STANTON A	649-2853 +7
28871	XXXX	00
28872	XXXX	00
28875	TEMPLE MICHAEL J	649-2563 5
28879	XXXX	00
28881	XXXX	00
28882	XXXX	00
28890	*MODJESKA COMNTY CTR	
28952		
20907	BROTEMARKLE FRODA	649-2570 8
	BROTEMARKLE M	649-2787 1
000.0	BROTEMARKLE MICHAEL	
29042	WALKER C J MRS	649-2457
29074	BOICE WINCHELL F	649-2820
29122	*SANDLIN SONS&CO	649-2750
29222	XXXX	00
29252	KEENER CLYDE	649-2596
29255	XXXX	00
29257	*COOKSMITH LNDSCPNG	649-2113+7
	SMITH RON	649-2382 +7
29275	XXXX	00
29322	*TUCKER WILDLIFE	649-2760
	*WILDLFE SNCTRY TCKR	649-2760
29371	XXXX	00
29372	CREAMER KEN	649-2987 5
29401	XXXX	00
29421	ELIAS GENE S	649-2815 4
20421	FRANK S R	649-2815 4
29422		
	BATES RICHARD A	649-2578 0
29433	XXXX	00
29442	XXXX	00
29456	XXXX	00
29459	XXXX	00
NO #	DAVIS LAWRENCE	649-2424 8
NO#		649-2481
NO #	HOWARD WAYNE	649-2784 5
*	7 BUS 89 RES	6 NEW
1000	- C - C - C - C - C - C - C - C - C - C	

	JESKA CANYO	N RD	
17001	BOYER GARY J	649-2830	+ 2
17352	STINSON T L	649-2939	
17354	CAREY PATRICK J	649-2857	1
17355	XXXX	00	
17356	CAREY J P	649-2737	1
17398	XXXX	00	
28201	KOWALKA EARL W	1000	12
28232	ROGERS JOHN	649-2612	100
	-	649 - 2459	6
28252	BRESNAHAN FRANCES	649-2744	_
28271	HARE DANIEL T	649-2990	0
28272	XXXX	00	
28331	TAYLOR CARL R	649-2646	8
28332	XXXX	00	
28372	MARKUSON LORE	649-2917	1
28452	xxxx	0 0	
28456	LEWIS FRANK D	649 - 2709	+2
28502	HOLT FREDERICK	649-2580	1
28\$32	XXXX	00	
28548	RAHN DAVID	649-276\$	100000
28592	KERSH DALE L	649-2057	3
	KERSH SIGNS	649-20S7	3
28602	XXXX	00	

		92667 CONT	Γ.
	XXXX	00	
28614	DAVIS JOE	649-2433	- 1
28640	XXXX	00	
28642		7000	
20042		649-2441	- 1
	NEWELL ROBT F	649 - 2066	- 1
28651	DAY B SANFORD	649-2432	
	DAY BRUCE S		
		649-2432	
28661	KLINGER RICHARD	649-2507	
28672	KINSMAN JOHN	649-2019	
28681	DUNCAN DALE W		
		649-2031	
28682	MANNING M B	649-2947	
	MANNING R G	649 - 2532	-
28687	XXXX	00	
	ANTENORE JAS	649-2844	
28711	HARTNETT SUSAN	649-2896	
28721	VOGEL FRED	649-2602	
28726	MCKAY LAMAR F	649-2217	
28728	GREENIG DEAN M	649-2779	
28730			
		649-2800	
28732	JONES L R	649-2767	
28745	HETZEL LEO	649-2963	
28751	MCARTHUR ELFRIEDA		
20731	MOANTHUN ELFRIEUA	649 - 2220	
28752	BURBRIDGE CLIFFORD	649-2608	
28762	XXXX	00	
28811	HOWELL PHYLLIS T		
11003		649-2617	
	HOWELL ROBT L	649 - 2617	
28842	SMITH FRED LEROY	649-2517	
28852	XXXX		
		00	
28871	FORTUNE S G	649 - 2610	+
	TINGLEY CHARLES	77D-4586	
28972	XXXX		r
28872		OD	
28875	CORNETT J	649-2943	
28879	BURNS PATRICK	649-2495	
28881	RIDING CAROL B		
20001		649-2903	
	TAITOR	649-2449	+
28882	XXXX	00	
28890			
28952	BROTEMARKLE M	649-2787	
	BROTEMARKLE MICHAEL		
20047			
29042	WALKER C J MRS	649-2457	
29074	BOICE WINCHELL F	649-2820	
29122	SANDLIN SONSACO	649-2750	
29222	XXXX	00	
29252	KEENER CLYDE	649-2596	
29255	XXXX	00	
29275	HAYES CAROLYN	649-2841	
29322	TUCKER WILDLIFE	649-2760	
	WILDLEE SNCTRY TOKR		
2022		649-2760	
29371	XXXX	00	
29372	CREAMER K R	649-2987	+
29401	XXXX		•3
		00	
29422	BATES RICHARD A	649-2578	
29433	XXXX	00	
29442	XXXX	D0	
29456	XXXX	00	
29 4 59	XXXX	00	
NO #	DAVIS LAWRENCE	649-2424	
NO #	HOWARD JOHN M	649-2481	
	E BUS 74 RES	8 NEW	
- 東			

MODJESKA CANYON RD 9266	7 ORANGE
17391 RAVENSBERG RICHARO 28232 ROGERS JDHN	649-2683 5 649-2459+6
28252 BRESNAHAN FRANCES 28272 BEOWELL RAYMONO T	649-2744
28332 BETT MARCO	649-2510 2
HELLIKER HERBERT E 28352 XXXX	00
28372 FUNOER8URG VERNON 28452 XXXX	649-2679+6 00
28502 XXXX 28532 WILSON JEFF	00 649-2436+6
28546 SALISBURY NANCY	649-2526+6
28548 RAHN DAVIO 28592 KERSH OALE L	649-2765 5 649-2057 3
*KERSH SIGNS 28600 XXXX	649-2057 3 00
28602 XXXX 28611 MACE JAS K	00 649-2623+6
	649-2569 OD
28642 GARONER BARRY	649-2876+6
*NEWELL CARPENTRY NEWELL ROST F	835-4240 5 649-2066+6
28651 OAY 8 SANFORO OAY BRUCE S	649-2432 3 649-2432 3
28661 KLINGER RICHARO 28672 SAMMIS OUROTHY	649-2507 3 649-2739
VAUGHN KORAL	649-2739
28681 OUNCAN DALE W 28682 MANNING R G	649-2031 649-2532
28687 OAVLIN JDHN 28691 MARCANTELLI ROST N	649-2745 649-2794
28711 XXXX 28721 VOGEL FRED	00 649-2602+6
28726 XXXX 28728 GREENIG OEAN M	00 649-2779
28730 XXXX	0D 649-2913+6
28732 WILSON RAY 28745 HETSEL LEO	649-2963+6
28751 MCARTHUR ELFRIEOA 28752 8URBRIOGE CLIFFORO	
28762 XXXX 28811 HOWELL W C	OD 649-2617 2
28842 SMITH FRED LERDY	649-2517 649-2518 2
28871 XXXX 28872 TYLER CHAS 8	DD 649-257D 4
28879 BURNES PATRICK	649-2495+6
28882 XXXX 2889D*MOOJESKA CMMNTY CTR	
29042 WALKER C J MRS	649-2571 2 649-2457
29122 XXXX	00 649-2695 2
29252 KEENER CLYOE	649-2596 649-2738 5
29322*AUOU8DN SEA&SAGE	

Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

1011 DO 02//7 CONT
ON RO 92667 CONT
OLF SNCTRY649-2760
NCTRY TCKR649-2760
00
PAUL 649-27184
JNO 649-2755
00
10S J 649-22441
ORMAN W 649-2291
00
EEN S 586-2250
HN M 649-2481
62 RES 14 NEW
62 RES 14 NEW

	_	_							
1									
1	MODJ	ESKA	CANY	ON.	RD	9266	57	ORANGE	
1									
1									
1	28232	ндя	TCH .	IDS.			649	-2776+3	
1								-2744	
1	20272	OF O	JELL	RAV	MON	OT	640	-2408	
1	28332	ACT	T MAD	רח.		•	640	-2510 2	
1	20332				DOE			-2403	
1	20252								
1	28352				MT2			-2675+3	
1	28372	SHA	PIRU	H				-2520+3	
1	28452	SAN	OLIN	MAR	(K			-2281+3	
1	28502			MAR	CIA		649	-2028+3	
1	28532	XX	ХX				DO		
1	28546						00		
1						LLE	649	-2702 2	
1	28592	KER	SH QA	LE	L		649	-2057+3	
		*KER	SH SI	GNS	5		649	-2D57+3	
	28600	XX:	ХX				DO		
	28602	SHA	WRL				649	-2274+3	
					LMA	8		-2425	
								-2569	
	28614	FAI	RBAIR	NW	M O			-2558+3	
	28612 28614 28642	GRA	Y VIV	IA	C			-2715	
		HEN	OT ER	ANC	FS	G		-2066	
1	28651	DAY	8 54	NEO	RO			-2432+3	
1		DAY	BRUC	FS				-2432+3	
1	28661						15	-2507+3	
1	28672	CAMI	MIS C	1080	THY	Ŭ		-2739	
1	20012	VALU	SHN K	OR A	1			-2739	
1	28681							-2D31	
1	28682							-2532	
1	28687		IN					-2745	
1						OT N		-2794	
1	28711			CCI	KU.	01 14	DD	-2174	
1	28721		NGROS	0.0	ОТ			-2616	
1	28726			, KU	101		DD	-2010	
1	28728			OE A	N M			-2779	
1	28730							-2686	
1	28732							-2602	
1	28745							-2257+3	
1	20751	MCA	THIE	NE	1 50	N		-2220	
1								-2608	
								-2556	
1					7 79	KEA			
	28811	CMI	ELL W	EC	LED	0.2	6/0	-2617 2	
					LEK	UY		-2517	
	28852				101	4 11		-2518 2	
								-2560+3	
						Y CTF		-91D8 2	
	28952							-2571 2	
	29042							-2457	
	29122							-2422+3	
	29222							-2695 2	
	29252					200022 20002		-2596	
	29322							-2760 2	
					TRY	TCK		-2760	
	29371	*00E.	T CLU	8				-2251	
	29421						649	-2755	
	29433						649	-2749	
	29456	FLE	MING	NDR	MAN	W	649	-2291	
	29459	XXX	ΚX				00		
	NO #	OUF	Y EI	LEE	N S		586	-2250 2	
	NO #	HOW	ARO J	OHN	M		649	-2481 2	
		* !	5 8US		54 1	RES	15	NEW	

Appendix G Site Reconnaissance Photos, July 16, 2020

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Modjeska Canyon Road Bridge (No. 55C0172) Replacement Project ISA Site Visit – July 16, 2020



Photo 1. Modjeska Canyon Road Bridge (No. 55C0172) (Bridge), looking south over Santiago Creek, a utility pipe runs parallel to the west railing; metal guard rail is rusted with peeling yellow paint and damaged concrete curb. Concrete and asphalt along this Bridge are weathered.



Photo 2. South approach of Bridge looking south; bots dots and yellow and white traffic striping on this Bridge. Treated wood utility poles with power lines cross the Bridge.



Photo 3. West side of Bridge; yellow and white traffic striping, treated wood utility poles with transformers and power lines cross Modjeska Canyon Road.



Photo 4. Centerline of Bridge looking west (left) and east (right).



Photo 5. Western side of Bridge, looking east; utility poles with power lines crossing the Modjeska Canyon Road. There is an outcropping to the north of the utility poles.



Photo 6. Looking east; a fire hydrant is located approximately 20 feet west of the Bridge.



Photo 7. Survey marker on the northeast side of the east railing.



Photo 8. Weather station located on the northeast side of the Bridge.



Photo 9. East side of the Bridge, looking south; treated wood posts and peeling yellow paint along guard rail.



Photo 10. South side of Bridge looking north (left) and south (right); residental properties border the southeast corner of the Project site.



Photo 11. Southwest side of the Bridge; stormwater flows through concrete-lined culverts and ditches.



Photo 12. Western side of Bridge, looking west; potential staging area with western forward approach is currently used as drive and round-about.



Photo 13. Southwest side of the Bridge; potential staging area. There is a possibly abandoned well within the field.



Photo 14. South side of the Bridge, looking south (top left), southeast (bottom left), and southwest (top right); the retaining wall at the southeast corner is exposed (bottom right).



Photo 15.Northeast side, looking north; there is a monitoring station.



Photo 16. Looking northeast from the staging area slope (bottom left); the northeast corner buttress (top left); northwest corner buttress is exposed (top middle, top right); giant outcropping under the north side buttress. Utility poles run along the western and northern sides of the Bridge.

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Appendix H Caltrans Checklist

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Initial Site Assessment (ISA) Checklist

Project Information

District	County	Route:	Post Mile	EA	
Description:	Mobreska	Canyon B	> BELLOE		
To the project	- de INV.C. 1 DC				
		inimal-Risk Projects Li	st (HW1)?		
Project Manag	ger	phone #			
Project Engin	eer	phone #			
Project S	creening				
Attach the pro	pject location map to	this checklist to show l	ocation of all known and/	or potential HW sites identif	fied.
1. Project I	Features: New R/W?	No Rai	ilroad Involvement?	lo_	
			Subsurface utility relocation		
2. Project S	Setting: Mod 7	SKA CYN. B	e. Bresdee ov	ER CREEK	
Rural or	Urban Ruse A	<u>, </u>			
Current l	land uses LocaL	ROAD for VEH	STOLE, DELITYER	Y. BIXES, PEDES	STICTANS
Adjacent	t land usesK&	JEN STAL			
	(industr	ial, light industry, comi	mercial, agricultural, resid	lential, etc.)	
known h	azardous waste site i	s in or near the project	area. If a known site is id	ecords as necessary, to see in dentified, show its location or mation for the proposed pro	on the
4. Conduct F	Field Inspection: Dat	e 07-16-20 Us	e the attached map to loca	ate potential or known HW s	ites.
	AGE STRUCTURES / P				
Under	rground tanks Not	<u>observed</u> Su	rface tanks Propo	NL C RESIDENCE	<u>-\$</u> .
Sump	s Mot Opserve	Por	nds Not observe	4	
Drum	is Not Observ	ed Bas	sins Not observe	<u>-d</u>	
Trans	tormers on pol	Lai	ndfill Not Observe	<u>ea</u>	
			RATE of Bridge		
(*)	Possible Sep	tic / Leach Fe	IELD AT RESTA	ences.	

Initial Site Assessment (ISA) Checklist

(continued)

	CONTAMINATION: (spills, leaks, illegal dumping, etcetera)
	Surface staining minor -on Oil sheen Not observed Pavement Odors Not Observed Vegetation damage Not dosewed
	Odors Not Observed Vegetation damage Not doserved
	Other Occasional Ausface Litter
	HAZARDOUS MATERIALS: (asbestos, lead, etcetera)
	Buildings WEATHER STATION Spray-on fireproofing Unknown
	Pipe wrap <u>Unknown</u> Friable tile <u>Unknown</u>
	Acoustical plaster Unknown Serpentine NA Paint ROAD STRIPTNICE Other
	Paint ROAD STRIPTING Other
5.	Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.
6.	Other comments and/or observations: 5EE PHOTOS
<u>IS</u>	A Determination
	es the project have potential hazardous waste involvement? YES If there is known or potential
	ardous waste involvement, is additional ISA work needed before task orders can be prepared for the estigation? If "YES," explain; then give an estimate of additional time required:
	WI STAGING AREA USED AS VEHICLE ROUND-ABOUT
_4	VEHICLE PREXIMG
5	al STAGENCE AREA IS PRIMATE PROPERTY WIPOSSIBLE
_^	bondoned Wey. STORMWRITER RUNDEF RUNG TO CREEK.
	rief memorandum should be prepared to transmit the ISA conclusions to the Project Manager and ject Engineer.
IS.	A Conducted by W.B. Coco Date 07 16 2020
D.	07/01/10/0914
DD	-6 07/01/1999M Project Development Procedures Manual



1 inch = 100 feet

FIGURE 3 Project Features

BRLO-5955(094) Modjeska Canyon Road Bridge Replacement Project Modjeska Canyon, Orange County, California

0 50 100 150 200 Feet



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INITIAL SITE RECONNAISSANCE CHECKLIST

Project Number	Date of Site Visit 7-16-20
Project Name Moddeska Campon Weather/Limiting Conditions 80° create Cam Project Projec	County ORANGE
Weather/Limiting Conditions 80° CLEAR CALLA	Client
Project Description (roadway bridge, Intersection, etc.)	Field Inspector WEC
Part 1. Land Use that Indicate Potential for Hazardous Materials	s. Land use activities that have the potential to generate hazardous wastes
including on-site chemical or fuel storage facilities, either on or adjac	cent to the Project site. Check if any of the following is observed:
Gas stations	Chemical manufacture, formulation, or processing.
Repair and maintenance of motor vehicles (automobiles, aircraft, trucks, construction equipment, RVs, etc.).	Chemical & petroleum product storage facilities (above- and under-ground tanks and flammable storage rooms)
Photographic processing or printing.	Analytical laboratory operations.
Provision of home, industrial, or commercial pest control.	Dry-cleaning and laundry services.
Warehouse operations.	Cosmetic manufacturing or processing.
Home, garden, pool, or agricultural supply manufacturing.	Textile mfg. (including fabric dyeing and finishing).
Manufacture, refinishing, or stripping of furniture or wood products.	Manufacture, formulation, or processing of pesticides or agricultural products or chemicals.
Chemical treatment of lawns, gardens, yards, or other landscape and tree services.	Metal finishing, refinishing, and etching (auto body, printed circuit board manufacturing, jewelry fabrication).
Building and repair of boats.	Production and repair of shoes.
Paint formulation and mixing.	Metal galvanizing.
Drum, barrel, and tank reconditioning.	Battery manufacturing, rebuilding, or recycling.
Solvent recycling.	Scrap metal and junk yard operations.
Pressure treating or preserving of wood products.	Landfills.
Facilities that receive bulk deliveries of raw or processed materials	Schools, auditoriums and other facilities with large heating requirements.
Nursery and greenhouse operations.	Waste or spent production incineration.
Recycling facilities.	Foundries.
Railroad corridors.	
art 2. Specific physical features that may be indicators of poter	ntial contamination. Check if any of the following is observed:
Unnatural, sunken/depressed or raised areas.	
Surface water plumes or sheens.	Tanks, pits, lagoons, or ditches. Waste material piles. Residence
Raw material storage piles.	Barrels or other storage containers.
Security fencing and protected areas.	Landfills and areas used for burning.
Loading ramps and railroad staging areas.	Filled areas.
Pumping manifolds.	Fill pipes or other pipes projecting out of the ground.
art 3. Land surface characteristics that may indicate problems.	Check if any of the following is observed:
Color variations in soils or stained soils.	Barren soil areas.
Exposed and graded soils.	Obvious changes in vegetation density.
Drainage patterns bringing drainage from off-site.	Dead trees and shrubs.
STORMWATER FLOWS TO CREEK	Barren vegetation adjacent to live vegetation.
Part 4. Building features and equipment that may indicate prob	lems. Check if any of the following is observed:
Asbestos-containing materials, such as pipe insulation,	Electrical transformers.
ceiling or floor tile, transit board, sprayed-on fireproofing, etc.	Floor drains.
	Hydraulic equipment.





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Project Information				
Property Location	1			
	Industrial			
, and the second	Commercial/			
0	Residential	Ru	THE RESTDENTIFAL	
General Setting	Mix-Use	/ LUR	THE MESTIVE AND THE	
	Agricultural			
	Other			
Owner of the Property	Oulei			
Olinoi or allo i roporty	Roadway			
	Bridge		12. 1 CA Barre 20 - 201	
	Highway		VEHICLES, BIXES, PEDESTER	
	Intersection			
Property Type	Vacant Lot			
a social service social services	Open Space			
	Commercial Are			
	Residential Area			
	Other	a 		
	Other			
Other Pertinent Information				
Pro	operty Improvemen	t & Building	Land Description	
Property Location				
Access to Property				
Lot Size & Shape				
Building Size & Shape				
Bridge type	VEHTCLES	BIVE	3 PEDESTRIANS	
Year Built				
	Current Occupar	nts & Use of	the Property	
Present Occupant/Business Operation	on		,	
Number of Occupants/Units/Tenants				
	Municipal	Service & Ut	ilities	
Source of Potable Water	MUNECE	MUNICIPAL		
Gas/Oil Source for Heating		1		
Electrical Source	OVERHE	OVERHEAD POWER LINES		
Sewage Disposal System		POSSIBLE SERTIC/LEACH FIELD		
0 11114 1 01		エトト	FICK-UD	
	Subject prop	erty ^l reconna	aissance b	
ITEM .		LOCATION	AND DESCRIPTION	
Processes that generate or handle P	etroleum Products or			
Underground Storage Tank				
Aboveground Storage Tank		RES	IDENTIAL PROPANS	
Fuel Islands / Dispensers				





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Any type of fueling systems	
Containers of Hazardous Material & Petroleum Products	
Other containers of suspicious hazardous materials in	
Containers not attributed to current use of the Subject	
Wastewater Treatment Units & Clarifiers	
Project Area	a Reconnaissance
İTEM	LOCATION AND DESCRIPTION
Pools of liquid	
Drains and Sumps	
Any regulated surface wastewater discharges	
Storm water or surface-water drainage system having any	Flow from 5ht to Creek; curb to my
Any stained catch basins, drip pads, or sumps	How from Shi to Creek; curb to we
Visual indication of Herbicides & Pesticides use to pose	
Visual evidence of leak or contamination from septic	
Wells (any irrigation wells, injection wells, abandoned	Possible Abandoned Well in area
Railroad tracks or spurs	Suggested for Staging SW of brid
Visual evidence of improper handling/disposal or solid	DONGSTO FOR DEADING SIN OF PLIS
Other visual evidence of spills, leakage, staining,	
Dry-cleaning operation on site	
Environmental Permits, NPDES, Hazardous	
Compliance records, permits and plans, etc. in relation to	
Permits, Licenses & Registrations for Current & Past and	
Non-CE	RCLA Items
İTEM	LOCATION AND DESCRIPTION
Suspicious asbestos-containing materials in damaged	
Suspicious lead-based paint in damaged condition if the	
Lead in drinking water	
Radon gas concern	
Visual evidence of Urea Formaldehyde	
Suspicious PCB-oil concern with hydraulic equipment,	
Non-CE	RCLA Items
ITEM	LOCATION AND DESCRIPTION
Wetland, creeks, swale, pits, ponds, lagoons, or any other	CREEK
Visual evidence of mold problems from wet areas, roof	
Air quality problems (unusual smells, obnoxious odors, or	
Is the property under flood zone (FEMA)	
	t Properties
ITEM NAME, ADDRESS, TEL, TYPE OF BUSINESS, Roadway, Street, Public Thoroughfare, River, Or Stream.	
North Weather Station C. NE corner at Builde	
South Residence & Bridge Approach - South Side	
West CREEK & VEGITATION	
East CREEK & VEGITATE	ON





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The purpose of the site reconnaissance is to document visual and/or physical observations, defined as observations made by vision and observations made by the sense of smell (particularly noxious or foul odors).	
By signing below, I hereby certify that the above information is true and correct to the best of my knowledge.	
Name of Preparer Waster B. Centra	
Based on the above information, I recommend:	
Signature W.B. Coood	
Date 7-16-2020	

