

ENVIRONMENTAL ASSESSMENT

SANTA YNEZ BAND OF CHUMASH INDIANS
VOLKS PROPERTY FEE-TO-TRUST

JUNE 2021

LEAD AGENCY:

U.S. Department of the Interior
Bureau of Indian Affairs
Pacific Region Office
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SECTION 1.0

INTRODUCTION

1.1 INTRODUCTION

This Environmental Assessment (EA) has been prepared for the Bureau of Indian Affairs (BIA) to support an application from the Santa Ynez Band of Chumash Indians (Tribe) for land to be placed into federal trust (Proposed Action). The BIA is the federal agency that is charged with the review and approval of tribal applications to take land into federal trust status. The land proposed for trust acquisition is currently owned in fee by the Tribe and consists of approximately 0.51± acres in Santa Barbara County (County), California (State; project parcels). The regional location of the project parcels is shown on **Figure 1-1** of **Appendix A** and the project parcels and vicinity are shown on **Figure 1-2** of **Appendix A**. The Santa Barbara County assessor's parcel numbers (APNs) for the project parcels are 143-251-003 and -004 as shown on **Figure 1-3** of **Appendix A**. For ease of reference, the project parcels are referred to throughout this EA as the commonly known Volks Property (**Figure 1-1** of **Appendix A**). This document has been prepared in accordance with the requirements of the National Environmental Policy Act (NEPA) of 1969 (42 United States Code [USC] § 4321 et seq.), the Council on Environmental Quality (CEQ) Guidelines for Implementing NEPA (40 Code of Federal Regulations [CFR] §§ 1500-1508), the BIA's NEPA Guidebook (59 Indian Affairs Manual 3-H), and Deputy Secretary for the Department of the Interior's Order 3355 to improve the environmental review process under NEPA. Consistent with the requirements of NEPA, the BIA will review and analyze the environmental consequences associated with the Proposed Action and Project Alternatives, and either determine that a Finding of No Significant Impact (FONSI) is appropriate, request additional analysis, or request that an Environmental Impact Statement be prepared.

1.2 LOCATION AND SETTING

The Volks Property is located at 3540 and 3541 Numancia Street, Santa Ynez, CA, 93460, directly north of State Route (SR)-246 and west of Edison Street, located within an unincorporated area of Santa Barbara County. The Volks Property is adjacent to the Tribe's 6.9-acre land held in trust and is therefore contiguous to the Tribe's Reservation and existing land holdings held in trust by the BIA. The Volks Property is surrounded by agricultural land and rural residences to the north and east, by residential and commercial development to the north and west, and by agriculture to the south. Surrounding land uses consist of agricultural fields, low-density rural residences, commercial development, and undeveloped pasturelands. More prominent surroundings include the Chumash Casino Resort and the Santa Ynez Airport, which are located southwest and southeast of the Volks Property, respectively. The Volks Property is surrounded by residential and commercial zoning designations.

1.3 PURPOSE AND NEED

The federal Proposed Action consists of the transfer of the Volks Property into trust pursuant to the authority of the Secretary of the Department of the Interior (Department) under the Indian Reorganization Act, 25 USC § 5108. The purpose of the Proposed Action is to provide additional parking to adequately serve the neighboring project, the Chumash Museum and Cultural Center, and thereby allowing that project to operate efficiently. Additionally, the Proposed Action will help facilitate tribal self-sufficiency and self-determination,

thus satisfying the Department's land acquisition policy as articulated in the Department's trust land regulations (25 CFR § 151). The need for the Department to act on the Tribe's application is established by the Department's regulations at 25 CFR §§ 151.10(h) and 151.12.

SECTION 2.0

PROJECT ALTERNATIVES

2.1 ALTERNATIVE A – PROPOSED PROJECT

Alternative A consists of two main components: (1) the placement of two parcels totaling approximately 0.51 acres into federal trust status for the benefit of the Tribe; and (2) the demolition of the existing structure on the site and development of that site into a parking lot to serve the adjoining Chumash Museum and Cultural Center (Cultural Center).

2.1.1 LAND TRUST ACQUISITION

Alternative A consists of the fee simple conveyance of two parcels into federal trust status for the benefit of the Tribe. The acceptance of the Volks Property into federal trust would confer several benefits upon the Tribe. Trust lands are protected from sale or default to non-Indians. In 2019, the Volks Property retained tax-exempt status, which was granted to the Tribe by the Board of Equalization (BOE) and approved by the Santa Barbara County Assessor (refer to **Appendix B**). The fee-to-trust transfer of the Volks Property would also allow the Tribe access to federal programs related to business development and environmental and cultural protection that are restricted to trust land. Additionally, it would provide the Tribe sovereignty over land that would be used as a parking lot for the adjacent Cultural Center, which is an important cultural resource for the Tribe and is vital to the sovereignty of the Chumash people and the continuation of Tribal youth education.

This trust acquisition would shift civil regulatory jurisdiction of the parcels from the State and County to the Tribe and BIA. The State and County would continue to exercise criminal jurisdiction under Public Law 280 and the Tribe would assert jurisdiction for law enforcement activities identified under the Tribal Law Order Act of 2010. Federal laws, such as the Clean Water Act (CWA) and the federal Endangered Species Act (FESA), would continue to apply to tribal trust lands. If the land were to remain in fee status, tribal decisions concerning the use of the land and resources would continue to be subject to the authority of the State and County, impairing the Tribe's ability to adopt and execute its own land use decisions and development goals. The lack of trust status creates a void in the Tribe's jurisdiction which may lead to jurisdictional conflicts between these parcels and the one on which the Chumash Cultural Center sits.

2.1.2 BUILDING DEMOLISHMENT AND PARKING LOT DEVELOPMENT

The Volks Property would be improved for use as parking for the adjacent Cultural Center, as illustrated in **Figure 1-4** of **Appendix A**. The existing structure would be demolished and a parking lot would be developed with either class II aggregate base or hot mix asphalt, in addition to striping, bumpers, and landscaping. The on-site retaining wall and barb-wire fence will be removed. **Figure 1-5** (**Appendix A**) includes the Volks Property Demolition Plan, which diagrams the removal and disposal of the existing building and foundation, retaining wall, fence, underground utilities, concrete, and asphalt. Americans with Disabilities Act of 1990 (ADA)-compliant and county-compliant curb, gutter, and sidewalk improvements would be developed along Numancia Street to the north, and would connect to the existing curb, gutter, and sidewalk to the west. ADA-Compliant curb, gutter, and sidewalk improvements would be added along Edison Street to serve as a pedestrian connection from Edison Street north of Numancia Street to SR-246.

2.1.4 CONSTRUCTION

The project components would be constructed after the project parcels are placed into federal trust for the Tribe or during fee-to-trust pursuant to County grading and demolition permits. Construction for Alternative A would occur over a three-month period in 2021 and would involve demolition, earthwork, and paving. A worksite safety plan would be prepared for construction.

2.1.5 GRADING AND DRAINAGE

Alternative A would be balanced in regard to cut and fill and require minimal grading. The existing trees along the eastern boundary would be protected. Base aggregate or hot mix asphalt would be transported in accordance with State and County requirements during normal construction hours (6 A.M. to 5 P.M.). All surfacing material would be placed and compacted per the recommendations of a geotechnical engineer. Additionally, hydroseeding of grass would be completed using recycled water.

2.2 ALTERNATIVE B – NO ACTION ALTERNATIVE

Under the No Action Alternative, the two parcels totaling approximately 0.51 acres would not be placed into federal trust for the benefit of the Tribe as proposed under Alternative A. The Tribe would retain ownership of the properties in fee title and jurisdiction would remain with the County and State. If the land were to remain in fee status, tribal decisions concerning the use of the land and resources would continue to be subject to the authority of the State and County, impairing the Tribe's ability to adopt and execute its own land use decisions and development goals. The lack of trust status creates a void in the Tribe's jurisdiction which may lead to jurisdictional conflicts between these parcels and the one on which the Cultural Center sits. Alternative B would not address the Tribe's purpose and need for the Proposed Action, that is to allow the parcels to be included in federal programs related to business development and environmental and cultural protection that are restricted to trust land and to provide the Tribe sovereignty over land that would be used as a parking lot for the adjacent Cultural Center—an important cultural resource for the Tribe that is vital to the sovereignty of the Chumash people and to the continuation of Tribal youth education. The Tribe would work with the County in accordance with local requirements for development of the parking lot, which is consistent and allowable under existing County zoning as discussed in **Section 3.8**; however, the lands would not be protected as trust lands and would thus expose the Tribe to potential loss of federal program funding, sovereignty control, and the other benefits afforded to tribes through trust acquisition. Implementation of Alternative B on fee land would require local review and would be subject to local requirements.

2.3 COMPARISON OF PROJECT ALTERNATIVES

Alternative A meets the Tribe's purpose and need for the Proposed Action. Alternative B would result in reduced socioeconomic impacts to the Tribe through the maintenance of County and State jurisdiction. As the Volks Property is currently zoned commercial, the No Action Alternative would result in many of the environmental effects identified for Alternative A (**Section 3.0**). Despite the effects on the environment of Alternative A, none of the identified environmental impacts would be considered significant adverse effects following implementation of protective and mitigation measures recommended in this document (**Section 4.0**).

SECTION 3.0

AFFECTED ENVIRONMENT AND IMPACTS OF THE ALTERNATIVES CONSIDERED

This section presents relevant information regarding existing resources and other values that may be affected by the project and its alternatives, an analysis of potential impacts associated with the implementation of the alternatives, and mitigation to reduce identified potentially adverse impacts. The following resources and issue areas are addressed: land resources, water resources, air quality, biological resources, cultural resources, socioeconomic conditions/environmental justice, transportation and circulation, land use and agriculture, public services, noise, hazardous materials, visual resources, growth-inducing and cumulative impacts, and indirect and growth-inducing effects.

3.1 LAND RESOURCES

The following describes the existing land resource conditions that occur within the Volks Property, the potential impacts associated with the implementation of the alternatives, and mitigation to reduce identified adverse impacts.

3.1.1 TOPOGRAPHY

The Volks Property was previously disturbed through development of the old gas station and is situated within a relatively flat valley between the Santa Ynez Mountains and Coastal Mountain ranges. The site has an elevation range of approximately 576 feet above mean sea level (amsl) on the southern side to approximately 590 feet amsl on the northern side with surface water drainage to the south. There are retaining walls that assist in maintaining flat surfaces on the Volks Property.

3.1.2 SEISMICITY

Figure 3.1-1 of **Appendix A** presents potentially active faults and their relative distances to the project parcels. The Baseline Fault, approximately 1.0 mile north of the project parcels, is designated as a potentially active fault (U.S. Geological Survey [USGS], 2017a). According to California Geological Survey (CGS), the Volks Property is located within an area of moderate potential shaking intensity with a Modified Mercalli Intensity Scale value of VI (CGS, 2015; USGS, 2017a).

3.1.3 SOILS

The Volks Property was examined on the U.S. Department of Agriculture (USDA) Web Soil Survey website (Natural Resources Conservation Service [NRCS], 2017). The NRCS soil survey maps soil units and provides a summary of physical characteristics for each unit, including suitability for various land uses. The project parcels are comprised of Positas fine sandy loam, with 29 percent slopes (National Cooperative Soil Survey [NCSS], 2015c). Positas series soils are deep, moderately drained soils that formed from a variety of rock sources and are found on stream terraces and have slopes ranging greatly from 2–75 percent. The majority are found in slope ranges of 10–25 percent (NCSS, 2015c). Positas are usually reddish-brown to dark brown in color at elevations that range from 200 to 1,600 feet amsl. Positas have a medium to high runoff potential, very slow permeability, and are primarily used in rangeland and vineyards (NCSS, 2015c).

SOIL EROSION, LANDSLIDES, AND LIQUEFACTION

The Volks Property contains soils with an erosion hazard rating of moderate (NRCS, 2017). Soils located within the project parcels have a low potential for liquefaction (County, 2010c). The Volks Property is not located in an area susceptible to landslides due to its relatively flat topography and distance from seismic faults.

3.1.4 MINERAL RESOURCES

There are no mineral resources of importance to the County or State that occur within the project boundaries (County, 2009a).

3.1.5 IMPACTS TO LAND RESOURCES

METHODOLOGY

An alternative would result in adverse impacts to land resources if construction or operation would result in significant alterations to the site topography, cause significant soil erosion, or limit access to mineral resources of regional significance; or if geological/soil hazards associated with the existing setting would pose limitations to the development of the alternative.

Alternative A

Topography

As discussed in **Section 2.1.5**, minimal grading would occur within the Volks Property and the topography would generally remain the same. The Volks Property project features have no topographic constraints that would affect the grading of the site, such as shallow bedrock, wetlands, or high groundwater conditions. The existing layout, including retaining walls, would remain in place.

Seismicity

While the Volks Property is located in an area classified with moderate potential shaking hazards associated with seismic activity, no habitable structures would be developed. Accordingly, implementation of the Proposed Action would not result in adverse impacts associated with seismicity.

Soils

The soils located on the Volks Property are characterized as Positas with gentle slopes and low infiltration rates and a moderate erosion hazard rating. General construction activities associated with the development of a parking lot would require minimal grading. The project would not create or be conducted on steep slopes or within an area with current erosion hazards. Implementation of Alternative A would result in less-than-significant adverse impacts related to soil erosion.

Mineral Resources

As stated in **Section 3.1.4**, there are no mineral resources located on or in the vicinity of the Volks Property (County, 2009a). No adverse impacts to mineral resources would result from the implementation of Alternative A; therefore, no mitigation is required.

Alternative B

The methodology used to determine project-related adverse impacts to land resources for Alternative B, the No Action Alternative, would be similar to Alternative A. Under Alternative B, the land would not be taken into trust by the BIA for the benefit of the Tribe and the Tribe would retain ownership of the properties in fee title. The proposed parking lot development would be constructed in accordance with state and local requirements, which would require the project be sited and designed to minimize the potential for geologic hazards, including but not limited to seismic, soil, or slope hazards. The Volks Property would remain in use as designated under County zoning. Accordingly, no additional mitigation is required; therefore, implementation of Alternative B would have a less-than-significant adverse impact to land resources.

3.2 WATER RESOURCES

This section describes the existing surface water, drainage, flooding, groundwater, and water quality conditions on and in the area surrounding the project parcels, as well as the potential impacts as a result of the alternatives and mitigation to reduce identified adverse impacts.

3.2.1 SURFACE WATER, DRAINAGE, AND FLOODING

The Volks Property is located within the Santa Ynez Hydrologic Unit (HU), which is characterized by a broad flat valley containing marine terraces, rolling hills, and rugged mountains. The Santa Ynez HU contains five major hydrologic areas (HA): Lompoc, Santa Rita, Buelton, Los Olivos, and the Headwater. The Volks Property is located in the Los Olivos HA, which encompasses the drainage watershed of the Santa Ynez River from the headwaters at Cachuma Lake to Solvang.

DRAINAGE

The southern portion of the Volks Property is paved and the northern portion consists of flat, graveled surfaces. A paved access roadway provides access from Numancia Street. The Volks Property site soil, Positas, is considered well drained (NRCS, 2017). Runoff generated within the Volks Property drains westward as sheet flow (Wallace Group, 2018a).

FLOODING

The Federal Emergency Management Agency (FEMA) is responsible for predicting the potential for flooding in most areas. The Volks Property is located in FEMA Zone X, which is defined as an area that is determined to be outside the 100- and 500-year floodplains (FEMA, 2012).

3.2.2 GROUNDWATER

The Volks Property lies within the Santa Ynez Uplands Groundwater Basin (Uplands Basin), one of several south coast basins situated along a narrow alluvial plain between the San Rafael Mountains to the north and east, the Santa Ynez Mountains to the south, and the Pacific Ocean to the west. The Uplands Basin consists of unconsolidated deposits of sand, silt, clay, and gravel underlain by consolidated, relatively impermeable bedrock of Tertiary age or older. Groundwater levels are influenced by riparian underflow in local tributaries to and from the Santa Ynez River, precipitation, and irrigation using surface water from Lake Cachuma and the State Water Project. Four communities (unincorporated Santa Ynez, Los Olivos, and Ballard and the City of Solvang), scattered residential development, farms, and ranches are the main water users of the Uplands Basin.

The Uplands Basin has a surface area of 83,200 acres. Groundwater flow in the Uplands Basin is generally north to south, with natural seepage into creeks and drainages. The California Department of Water Resources (DWR) estimates the storage capacity of the Upland Basin at about 10 million-acre feet (af), and the available water in storage is estimated to be approximately 900,000 af (DWR, 2004).

In 2001, the Uplands Basin was estimated to be in a state of overdraft by about 2,000-acre feet per year (AFY). At that time, water agencies in the region were reducing demand on groundwater and supplementing water demands with the State Water Project. Accordingly, in 2002, the Santa Barbara County Water Agency commissioned an independent study of the Uplands Basin that concluded that increases in imported water resulted in a basin that was balanced or in a state of slight surplus (County, 2012f). Furthermore, more recent planning documents have indicated that the Uplands Basin has surplus supply. The 2009 Final Environmental Impact Report for the Santa Ynez Valley Community Plan (SYVCP) identified a surplus of approximately 513 AFY within the Uplands Basin. The SYVCP states that at least several hundred AF of new long-term demand on the Uplands Basin could be accommodated without substantial effects on the Basin (including impacts to flows of regionally important surface waters such as the Zanja de Cota Creek).

In August 2019, the County released a summary report on County groundwater basins, including a summary of historical precipitation and groundwater surface elevations for groundwater wells throughout the County (County, 2019). The report noted that water levels throughout the Eastern Management Area of the Santa Ynez River Valley Groundwater Basin, which contains the Santa Ynez Uplands Subbasin, reacts differently to land use and recharge. Generally, water levels in the western portion near Lompoc have dropped in recent years, and are similar to those observed following the drought of 1984 to 1990. While water levels within the Santa Ynez Uplands Subbasin and foothills to the east where the Volks Property is located have historically remained stable (with the exception of an increase in the trend in the 2000s from imports from the State Water Project), showing some gradual declines in recent years as a result of the drought.

3.2.3 WATER QUALITY

SURFACE WATER

The Santa Ynez River, located approximately 2 miles south of the site, is on California's 2016 list for impaired water bodies [Section 303(d) of the CWA]. From Cachuma Lake to the City of Lompoc, the Santa Ynez River is listed for total dissolved solids, sodium, temperature, sedimentation/siltation, and toxicity (State Water Resources Control Board [SWRCB], 2018). From the City of Lompoc to the Pacific Ocean, the Santa Ynez River is listed for chloride, Escherichia coli, fecal coliform, low dissolved oxygen, nitrate, sedimentation/siltation, sodium, water temperature, and total dissolved solids. Sources of contamination may include agricultural runoff, municipal point sources, natural sources, urban runoff, grazing-related sources, storm sewers, and flow regulation/modification (SWRCB, 2018). Zanja de Cota Creek, located southwest of the site, and its tributaries, which are located on the project parcels, are not listed on California's 2016 list for impaired water bodies. No surface streams cross the Volks Property (Wallace Group, 2018b).

GROUNDWATER

Groundwater quality problems most frequently encountered in the Central Coastal Basin pertain to hardness and some portions of the Santa Ynez Valley are affected by salt water intrusion (CCRWQCB, 2016). Portions of the

Uplands Basin have severe septic water problems due to interleaving of impermeable clays and silts with saturated sands and gravels within surface quaternary terrace deposits. This has led to instances of septic system failure and the contamination of surface and near surface waters by septic system effluent as well as significant nitrate contamination of the main groundwater body to the southern portion of the Central Coastal Basin.

3.2.4 IMPACTS TO WATER RESOURCES

An alternative would result in adverse impacts to water resources if construction or operation would result in direct adverse impacts to floodplain management or to drainage patterns resulting in off-site flooding and/or cause an exceedance of applicable water quality criteria. For groundwater resources, an alternative is analyzed to determine if either construction or operation would result in a significant decline in groundwater levels, a significant decline in groundwater recharge rates, and/or cause an exceedance of applicable groundwater quality criteria.

ALTERNATIVE A

Surface Water, Drainage, and Flooding

Construction activities would result in minor disturbances (less than 1.0 acre) to soils. Accordingly, Alternative A would not result in impacts requiring compliance with the National Pollutant Discharge Elimination System (NPDES) Construction General Permit. Development of the parking lot would result in a minor increase in impervious areas (approximately 0.25 acres) as a result of its construction. No further development or changes would occur. Drainage on the project parcels would remain as surface flow and flow increase would be negligible as the existing gravel areas generate existing sheet flow, which would be similar to flows of the proposed parking lot. Based on the existing topography, limited grading necessary to implement the project, and acreage of new impervious surfaces, implementation of the Proposed Action would result in minimal impacts to surface water, drainage, and flooding.

Groundwater

Under Alternative A, no new water demands would be generated as the cars utilizing the parking lot would be associated with the Cultural Center. The water demands associated with the Cultural Center were assessed in the *6.9-acre Fee-to-Trust Acquisition Environmental Assessment* for the Cultural Center (2004 EA), which resulted in a FONSI that was signed in September 2004. Accordingly, no new impacts would result from the implementation of the Proposed Action in relation to groundwater or water demands.

Water Quality

Construction activities and runoff from surface parking could transport debris, oil, sediments, and grease into adjoining surface waters, potentially affecting surface water and groundwater quality. Increased runoff could create scouring that would impact riparian and aquatic habitats and could seep into groundwater aquifers. While the Tribe is required to adhere to the provisions of the CWA, due to the size of the Volks Property (<1.0 acre), impacts would not be considered significant and the Tribe would not be required to apply for coverage under the NPDES Construction General Permit as the size of the project is not considered cumulatively considerable. Operation of the project would result in impacts similar to existing conditions (the Volks Property is currently permitted through the County as construction offices and parking for development of the Cultural Center).

ALTERNATIVE B

The methodology used to determine project-related adverse impacts to water resources for Alternative B, the No Action Alternative, would be similar to Alternative A. Under Alternative B, the proposed parking lot development would be constructed in accordance with state and local requirements, which may require that excavation and grading for development be limited to the dry season (i.e. April 15th to November 1st) unless an approved erosion and sediment control plan is in place. Alternative B would not increase the total water demand of local groundwater or municipal water supplies because neither potable water or recycled water would be required (Wallace Group, 2018a). Alternative B would result in no impact to water resources within the Uplands Basin.

3.3 AIR QUALITY

The following describes existing air quality conditions, including greenhouse gases (GHG), which occur within the Volks Property and general vicinity, and the potential impacts and mitigation measures related to the project alternatives.

3.3.1 EXISTING AIR QUALITY CONDITIONS

The Volks Property is located in the South Central Coast Air Basin, which includes Santa Barbara, San Luis Obispo, and Ventura counties. The project parcels are currently under the jurisdiction of the Santa Barbara County Air Pollution Control District (SBCAPCD); however, if the project parcels are taken into trust, jurisdiction would shift to the U.S. Environmental Protection Agency (EPA).

REGIONAL AIR QUALITY

National Ambient Air Quality Standards Designations

As shown in **Table 3.3-1**, the SBCAPCD is in attainment for particulate matter less than 10 microns in diameter (PM_{10}), carbon monoxide, and lead under the current National Ambient Air Quality Standards (NAAQS). The SBCAPCD is unclassifiable/attainment for particulate matter less than 2.5 microns in diameter ($PM_{2.5}$) ozone, nitrogen dioxide (NO_2), and sulfur dioxide (SO_2).

TABLE 3.3-1
SBCAPCD ATTAINMENT STATUS

Pollutant	NAAQS
Ozone	Unclassifiable/Attainment
PM_{10}	Attainment
$PM_{2.5}$	Unclassifiable/Attainment
Carbon Monoxide	Attainment
NO_2	Unclassifiable/Attainment
SO_2	No Standard
Lead	Attainment
Source: SBCAPCD, 2020	

Hazardous Air Pollutants

Hazardous air pollutants (HAP) are a group of pollutants of concern of airborne chemicals designated by the EPA as hazardous to public health. Over 188 HAPs are currently listed by the EPA, including diesel particulate matter (DPM) emitted by heavy equipment and large vehicles. The EPA has taken significant steps to dramatically reduce HAPs and provide important health protections for Americans nationwide. These steps

include: reducing toxic emissions from industrial sources; reducing emissions from vehicles and engines through new stringent emission standards and cleaner burning gasoline; and addressing indoor air pollution though voluntary programs.

FEDERAL CLASS I AREAS

There is one federal Class I area, the San Rafael Wilderness, within 62 miles of the project parcels, that is located approximately 18 miles northeast of the project parcels. However, the project alternatives do not include point sources that are regulated under the Clean Air Act (CAA) Prevention of Significant Deterioration program; therefore, Class I areas are not further addressed in the EA.

CLIMATE CHANGE

In 2011, as part of its Climate Action Study, the County performed an emissions inventory of activities on unincorporated lands within the County based on 2007 data. In 2007, the unincorporated County emitted approximately 1.78 million metric tons (MMT) of carbon dioxide-equivalent emissions (CO_2e), and it was predicted that with business as usual growth, the unincorporated County would emit approximately 2.23 MMT of CO_2e in 2035 (County, 2011). Primary sources of GHG emissions in the unincorporated County include on-road transportation, composing approximately 28 percent of emissions; electricity use, composing approximately 25 percent; industrial sources, composing approximately 18 percent; agricultural sources, composing approximately 14 percent; residential non-electricity uses, composing approximately 7 percent; and solid waste and commercial sources composing the remaining approximately 9 percent of emissions (County, 2011).

SENSITIVE RECEPTORS

Sensitive receptors include land uses that house or attract individuals susceptible to adverse impacts from air pollution. Sensitive receptors, such as hospitals, schools, convalescent homes, parks, and residential areas, should be given special consideration when evaluating air quality impacts from projects. Land uses in the immediate vicinity of the project parcels consist of agriculture, open space, and residences. The closest sensitive receptors are residences located approximately 350 and 420 feet northwest of the project parcels. The nearest school is the Santa Ynez Valley Charter School and the Santa Ynez Elementary School located approximately 0.35 miles north and 0.43 miles northwest of the project parcels, respectively. The nearest hospital is the Santa Ynez Valley Cottage Hospital located approximately 2.6 miles southwest of the project parcels.

3.3.2 IMPACTS TO AIR QUALITY

METHODOLOGY

Adverse effects to ambient air quality would occur if either construction or operation of Alternative A resulted in non-compliance with the CAA. Specifically, the CAA includes conformity regulations that apply to federal actions to assess if associated emissions of criteria air pollutants (CAP) would prevent an air basin already considered to be in nonattainment for the NAAQS from meeting the provisions of a State Implementation Plan prepared to improve air quality in that air basin or if the emissions would result in significant deterioration of air quality in an area meeting the NAAQS. Furthermore, the project was assessed to determine if emissions of HAPs would result in levels that have the potential to significantly impact human health.

Construction and Operational

Construction activities would consist of earthwork, fine grading, building, road work, and parking lot construction. A fleet mix of trucks, scrapers, excavators, and graders would be used to complete construction of the project. PM_{10} and $PM_{2.5}$ are pollutants of concern that result from earth-moving and fine grading activities. Nitrogen oxides, SO_2, carbon monoxide, GHGs, and DPM emissions are emitted from heavy equipment from the combustion of diesel fuel. Mobile source emissions would result from the use of on-road construction vehicles. Operational emissions would be comprised of indirect mobile emissions associated with visitation of the adjacent Cultural Center, for which Alternative A would provide parking.

Construction and operational emissions of the Cultural Center and associated visitation were modeled and analyzed as part of the 2004 EA using URBEMIS7G version 5.1.0.

Climate Change and Greenhouse Gas Emissions

As directed by the CEQ Guidance, this EA considers whether project emissions have individual or cumulative effects on climate change. Given the global nature of climate change impacts, individual project impacts are most appropriately addressed in terms of the incremental contribution to a global cumulative impact (provided in **Section 3.13.3**).

ALTERNATIVE A

Construction and Operational Impacts

Minor grading and placement of asphalt would result in air quality emissions during construction. Air quality **Mitigation Measure 4.3.1** would be implemented during the construction phase of the parking lot, reducing the spread of fugitive dust and CAPs. The operational emissions of Alternative A relate to the vehicles that would utilize the parking lot. However, these emissions were modeled and analyzed as part of the 2004 EA, as this assessment reflected all operational mobile source emissions induced by visitation to the Cultural Center. Accordingly, no further assessment is required as those results are hereby referenced. The project parcels of Alternative A are located directly adjacent to the Cultural Center; therefore, no change in vehicular travel would occur. Thus, construction and operation of Alternative A would not generate a significant amount of CAPs or GHG emissions.

ALTERNATIVE B

Construction and Operational Impacts

Alternative B would have similar associated construction or operational emissions compared to Alternative A. The proposed parking lot development would be constructed in accordance with state and local requirements, and would include that development under Alternative B be subject to policies in the 2019 Ozone Plan and the 2013 Clean Air Plan adopted by the Santa Barbara County Air Pollution Control District. No additional impacts related to CAPs or GHG emissions would occur under Alternative B.

3.4 BIOLOGICAL RESOURCES

The following describes the existing biological resources, including habitat, that occur within the Volks Property and its general vicinity. The potential impacts and associated mitigation measures for the implementation of Alternative A are also identified in this section.

3.4.1 ENVIRONMENTAL SETTING

HABITAT TYPES

The Volks Property consist of an abandoned gas station of predominantly paved asphalt and unpaved gravel areas, an existing building, structural wall, and fences. The only remaining vegetation on the Volks Property includes oak trees on the western border of Edison Street and landscaped shrubs and flowers on the southeast corner of Edison Street and SR-246. The surrounding habitat to the west of the Volks Property and across Edison Street to the east includes ruderal grasses.

Wildlife

No wildlife species were observed on the Volks Property, however several bird species were observed flying over the property, including red-tailed hawk (*Buteo jamaicensis*), red-shouldered hawk (*Buteo lineatus*), turkey vulture (*Cathartes aura*), and American crow (*Corvus brachyrhynchos*). Wildlife species commonly observed within the surrounding region include coyote (*Canis latrans*), California ground squirrel (*Spermophilus beecheyi*), and western fence lizard (*Sceloporus occidentalis*). The focused bat acoustic surveys detected the presence of several bat species including: several unidentified bat species, pallid bat (*Antrozous pallidus*), Townsend's big-eared bat (*Corynorhinus townsendii*), big brown bat (*Eptesicus fuscus*), hoary bat (*Lasiurus cinereus*), California myotis (*Myotis californicus*), long-eared myotis (*Myotis evotis*), fringed myotis (*Myotis thysanodes*), long-legged myotis (*Myotis volans*), Yuma myotis (*Myotis yumanensis*), Mexican free-tailed bat (*Tadarida brasiliensis*), and potentially greater bonneted bat (*Eumops perotis*) (Analytical Environmental Services [AES], 2015). Identified bat species were observed east of the Volks Property in the areas of open space near SR-154 near the Tribe's Camp 4 trust lands.

Wildlife Corridors

The Volks Property does not currently contain any habitat or unique features that would be considered wildlife corridors. The parcels are bound by SR-246 to the south and commercial development to the north. The Volks Property is located at the entrance to downtown Santa Ynez, surrounded entirely by urban development and graded flat land.

OAK TREES

California live oak occur on the western parcel on the border with Edison Street. California live oak and valley oak are protected under the *Tribal Ordinance Regarding Oak Tree Preservation for the Santa Ynez Band of Chumash Indians* (Tribal Oak Tree Ordinance).

WATERS OF THE U.S.

No permanent or ephemeral drainages occur on the Volks Property (AES, 2015).

FEDERALLY LISTED SPECIES

The results of searches of the California Native Diversity Database and U.S. Fish and Wildlife (USFWS) list of special-status species occurring within 5 miles of the project parcels is provided in **Appendix D.** A critical habitat map in the vicinity of the project parcels is also provided in **Appendix D.** Gambel's watercress (*Nasturtium gambelii*) and marsh sandwort (*Arenaria paludicola*) have the potential to occur within a 5-mile radius of the Volks Property. The Gambel's watercress and Marsh sandwort are obligate wetland species that

have only ever been found in wetland marsh-type areas; there are no wetlands of this type located on the Volks Property. Based on habitat requirements of regionally occurring listed species and habitat types present on the Volks Property, suitable habitat to support listed special-status wildlife species does not occur (refer to **Appendix D**).

Migratory Birds

Migratory birds and other birds of prey, protected under 50 CFR § 10 of the Migratory Bird Treaty Act (MBTA), have the potential to nest within oak trees on the Volks Property. The nesting season generally extends from February 1 to September 15. No migratory birds or other birds of prey were observed nesting during the August 2015 biological survey of the Volks Property (AES, 2015).

Critical Habitat

No portions of the Volks Property are designated by the USFWS as critical habitat. The nearest critical habitat for vernal pool fairy shrimp (VPFS) occurs approximately 0.64 miles to the east. Critical habitat for southwestern willow flycatcher (SWFL) and California red-legged frog (CRLF) occur over 5 miles from the project parcels.

STATE-LISTED SPECIES

One State-listed wildlife species, the Townsend's big-eared bat (*Corynorhinus townsendii*), has the potential to occur within the project parcels. While state listed bat species may have potential to occur in the region, these species generally receive no specific protection on land taken into trust by the federal government and are not necessarily afforded protection by FESA. Bats were observed foraging east of the Volks Property in the areas of open space near the intersection of SR-154 and SR-246. No bat species, including species of state concern, were identified within the Volks Property. However, the structure present on the site serves as potential habitat for bat species.

3.4.2 IMPACTS TO BIOLOGICAL RESOURCES

Biological resources were evaluated based on a comprehensive examination of the existing parcels and the anticipated extent of habitats, wetland features, and potential occurrences of federally listed wildlife that would be affected by the alternatives. Adverse impacts to biological resources would be considered significant if an alternative would interfere substantially with wildlife corridors or wildlife nursery sites; substantially degrade a federally protected wetland; result in the take of a species protected under the FESA; substantially degrade designated critical habitat; or result in the take of a migratory bird species as defined by the MBTA.

ALTERNATIVE A

Established Native Resident or Migratory Corridors

Due to the surrounding development and roadways, the Volks Property does not constitute a native resident or migratory corridor. Accordingly, Alternative A would have no effect on native resident or migratory fish nor would it impede the use of native wildlife nursery sites because no habitat associated with these species or suitable habitat for these species occurs within the Volks Property.

Oak Trees

Alternative A may result in adverse impacts to the five oak trees bordering Edison Street should construction activities damage the trees or root structures during development of the parking lot. The measures listed under **Mitigation Measure 4.4.1** would mitigate for adverse effects to oak trees by ensuring protection during construction activities.

Potential Waters of the U.S.

Alternative A would not adversely affect potential jurisdictional waters of the U.S., as defined by Section 404 of the CWA. No jurisdictional water is located on the Volks Property.

Federally Listed Species

Federally Listed Plants

No potentially occurring federally listed plants were identified within the Volks Property (AES, 2015). Alternative A would have no impact on these species because they do not occur within the Volks Property, nor does habitat exist to support them.

Federally Listed Wildlife

Implementation of the project would not affect individuals or critical habitat of a federally listed species. No indirect effects would occur to seasonal wetlands because no seasonal wetlands with hydrological connectivity occur within the development area of Alternative A. Further, no critical habitat was identified in the development area of Alternative A during site surveys. Due to the project parcels being entirely disturbed, composed of asphalt, gravel, and an associated building, there is no potential for special-status species to occur. Because there is no potential for special-status species to occur on the project parcels, no impact to special-status species would occur.

Migratory Birds

Potential nesting habitat for migratory bird species and other birds of prey is present within and in the vicinity of Alternative A. Construction activities within the Volks Property near applicable trees could result in disturbance of nest sites and abandonment of active nests by migratory birds and other birds of prey due to temporary increases in ambient noise levels and human activity. With the incorporation of the mitigation measures for nesting birds identified under **Mitigation Measure 4.4.2**, including pre-construction surveys and removal of trees outside of the nesting season, implementation of Alternative A would result in no significant impacts to migratory birds.

State-listed Bats

Although no bats were identified on the on the Volks Property, the existing structure serves as potential habitat for bat species. With the incorporation of **Mitigation Measure 4.4.3**, which requires a roosting bats pre-construction survey prior to demolition, no impacts to bats would occur from the implementation of Alternative A.

ALTERNATIVE B

The methodology used to determine project-related adverse impacts to biological resources for Alternative B, the No Action Alternative, would be similar to Alternative A. Under Alternative B, the land would remain in fee status. The proposed parking lot development would be constructed in accordance with state and local requirements. Under Alternative B, similar demolition and construction would occur on the Volks Property. Impacts, including mitigation, would be similar and at the discretion of the California Department of Fish and Wildlife and the County, however the project would be exempt from conducting a roosting bat survey as required under Alternative A.

3.5 CULTURAL RESOURCES

Documentation of potential cultural resources within the Volks Property was achieved through review of pertinent anthropological literature, historic documents and maps, a records search at the Central Coast Information Center (CCIC), and an architectural and archaeological survey that included the Volks Property (Love et al., 2002).

3.5.1 REGULATORY SETTING

NATIONAL HISTORIC PRESERVATION ACT

Section 106 of the National Historic Preservation Act (NHPA), as amended, and its implementing regulations found in 36 CFR § 800, requires federal agencies to identify cultural resources that may be affected by actions involving federal lands, funds, or permitting. The significance of the resources must be evaluated using established criteria outlined in 36 CFR § 60.4.

A historic property is defined as any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places (NRHP), as described below, including artifacts, records, and material remains related to such a property (NHPA § 301[5]).

Section 106 of the NHPA prescribes specific criteria for determining whether a project would adversely affect a historic property, as defined in 36 CFR § 800.5. An impact is considered adverse when prehistoric or historic archaeological sites, structures, or objects that are listed, or are eligible for listing, in the NRHP are subjected to the following:

- Physical destruction of or damage to all or part of the property;
- Alteration of a property;
- Removal of the property from its historic location;
- Change of the character of the property's use or of physical features within the property's setting that contribute to its historic significance;
- Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features;
- Neglect of a property that causes its deterioration; and
- Transfer, lease, or sale of the property out of federal control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property's historic significance.

If the historic property would be adversely affected by development, then prudent and feasible measures to avoid or reduce adverse impacts must be taken and the State Historic Preservation Officer and Tribal Historic

Preservation Officer (when there is one) must be provided an opportunity to review and comment on these measures prior to project implementation.

NATIONAL REGISTER OF HISTORIC PLACES

The eligibility of a resource for listing on the NRHP is determined by evaluating the resource using criteria defined in 36 CFR § 60.4 as follows: The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of state and local importance that possess integrity of location, design, setting, materials, workmanship, feeling, association, and:

a) That are associated with events that have made a significant contribution to the broad patterns of our history;
b) That are associated with the lives of persons significant in our past;
c) That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
d) That have yielded, or may be likely to yield, information important to prehistory or history.

Sites younger than 50 years, unless of exceptional importance, are not eligible for listing on the NRHP.

While most historic buildings and many historic archaeological properties are significant because of their association with important events, people, or styles (Criteria A, B, and C), the significance of most prehistoric and some historic-period archaeological properties is usually assessed under Criterion D. This criterion stresses the importance of the data contained in an archaeological site. It places importance not on physical appearance but rather on information potential.

NATIONAL ENVIRONMENTAL POLICY ACT

NEPA requires that federal agencies take all practical measures to "preserve important historic, cultural, and natural aspects of our national heritage." NEPA's mandate is similar to the preservation measures in Section 106 of the NHPA, and the two processes are generally coordinated when applicable.

NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT

The Native American Graves Protection and Repatriation Act (NAGPRA) is a federal law passed in 1990. NAGPRA provides a process for museums and federal agencies to return certain Native American cultural items, such as human remains, funerary objects, sacred objects, or objects of cultural patrimony, to lineal descendants, as well as culturally affiliated Indian tribes and Native Hawaiian organizations. NAGPRA includes provisions for unclaimed and culturally unidentifiable Native American artifacts, intentional and inadvertent discovery of Native American burials and cultural items on federal and tribal lands, and penalties for noncompliance and illegal trafficking.

ARCHAEOLOGICAL RESOURCES PROTECTION ACT

The Archaeological Resources Protection Act of 1979 (ARPA) (Public Law 96-95; 16 USC 470aa-mm) provides for the protection of archaeological resources and sites on public and Indian lands and fosters increased cooperation and exchange of information between governmental authorities, the professional archaeological community, and private individuals with collections of archaeological resources and data obtained before October 31, 1979. ARPA also provides penalties for noncompliance and illegal trafficking.

PALEONTOLOGICAL RESOURCES PRESERVATION ACT

The Paleontological Resources Preservation subtitle of the Omnibus Public Land Management Act, 16 USC 470aaa to aaa-11, makes the USDA and the U.S. Department of the Interior responsible for regulating the preservation, management, and protection of paleontological resources on federal lands with the overall goal of ensuring that these resources are available for current and future generations to enjoy as part of America's national heritage.

Paleontological resources are defined as the traces or remains of prehistoric plants and animals. Such remains often appear as fossilized or petrified skeletal matter, imprints, or endocasts and reside in sedimentary rock layers. Fossils are important resources due to their scientific and educational value. Fossil remains of vertebrates are considered significant. Invertebrate fossils are considered significant if they function as index fossils, which are fossils that appear in the fossil record for a relatively short and known period of time, allowing geologists to interpret the age range of the geological formations in which they are found.

Significance Criteria

Significance for Paleontological Resources is reflected in terms of compliance with the Antiquities Act of 1906 (Public Law 59-209; 16 USC 431 et seq.; 34 Stat. 225), that calls for the protection of historic landmarks, historic and prehistoric structures, and other objects of historic or scientific interest on federal land. Additional provisions appear in the Archaeological and Historic Data Preservation Act of 1974, as amended, for the survey, recovery, and preservation of significant scientific, prehistoric, historic, archaeological, or paleontological data, in such cases wherein this type of data might be otherwise destroyed or irrecoverably lost as a result of federal projects.

2.5.2 CULTURAL RESOURCES SETTING

NATURAL SETTING

The Volks Property is located in the Transverse Ranges Province, hallmarked by the only east-west trending mountain range in California. The underlying geology consists of unconsolidated Quaternary-age deposits that cap Monterey Shale and Sisquoc Formations (Rincon Consultants, Inc., 2015). Soils in the Volks Property area of potential effect (APE) consist of Chamise sandy or shaly loam, Elder sandy loam, Positas sandy loam, Santa Ynez gravelly sandy loam, and loamy terrace escarpments (NRCS, 2017). Predominant rock and mineral types found throughout the APE include sandstones, siltstones, shale, serpentine, quartzite, Franciscan Chert, and Monterey Chert (Spanne, 2015).

The APE is located on the floor of the Santa Ynez Valley, in an area of low rolling ridges and ravines at elevations ranging from 580 to 705 feet amsl. Intermittent tributaries of the Zanja de Cota Creek cross the APE, but there are no perennial water sources. Plant communities, both now and prehistorically, consist of annual grasslands and scattered oak woodland. Faunal species in the region include the spectrum from small to large mammals and birds, offering a number of resources that could be exploited prehistorically. Recent uses of the APE include agriculture and grazing.

PREHISTORIC SETTING

The history of early Chumash culture in the Santa Ynez Valley is not well understood due to the general lack of archaeological excavations in the area and the rarity of dated archaeological sites. However, it is assumed to be roughly similar to that of the better-known Santa Barbara Coast to the south and the Lompoc/Vandenberg Air Force Base (VAFB) region to the west (Applied Earthworks, 2001). Initial human occupation of the Santa Ynez Valley probably took place sometime in the Early Holocene Epoch after about 11,500 years before present (B.P), or possibly earlier during the late Pleistocene Epoch in what is known as the Paleo-Indian Period. Early human occupation dates back before 10,000 B.P. in other parts of the County when nomadic and semi-nomadic hunter-gatherer groups roamed the area. Remains of Late Pleistocene megafauna, the prey of early human hunters, have been found throughout Santa Barbara and San Luis Obispo counties, with some discoveries in the Santa Ynez Valley. During the Early Holocene period, settlement throughout the area became progressively more sedentary (Arnold, 2001; King, 1990).

Much of the chronology presented here was abbreviated and paraphrased from one developed by Hildebrandt in a report on excavations at CA-SBA-3404, a village site in the Los Olivos area of the Santa Ynez Valley (1999).

Late Pleistocene Epoch or Paleo-Indian Period (Before 11,500 B.P.)

Paleo-Indians were nomadic, with subsistence focused on hunting large game animals associated with the end of the Pleistocene. Some opportunistic gathering of plants must also have occurred as they followed the animals from place to place. Numerous archaeological sites from this period have been found throughout the Americas, although few substantial sites have been discovered in the vicinity of the project.

Early Holocene or Initial Early Period (11,500 – 5500 B.P.)

The Early Holocene, or Initial Early Period, is represented in coastal areas by archaeological sites with shell midden deposits, low frequencies of hunting and fishing-related tools, and numerous grinding implements such as manos and metates, indicating that floral resources were being processed as a significant portion of the diet. It is hypothesized that protein-rich shellfish, in combination with high caloric plant foods such as Chia seed, Pinyon nuts, and seed from other plants, produced a balanced diet supporting semi-permanent settlements found along estuaries as well as inland (Erlandson et al. 1987, 1991, and 1994).

Terminal Early Period (5500 – 3000 B.P.)

The Terminal Early Period was marked by major changes in subsistence technology. Mortars and pestles appeared for the first time in the local archaeological record, possibly reflecting early use of acorns for food. There was also an increase in hunting-related tools such as large side-notched projectile points. Faunal assemblages on the coast included some pelagic sea mammals, such as seals and dolphins, implying that ancestral Chumash were using watercraft to access these resources. There is an increase in the presence of larger terrestrial animal remains during this time period.

Middle Period (3000 – 800 B.P.)

Residential sites of this period contain increasingly dense refuse deposits, indicating that communities were occupied for longer periods of time during the annual cycle (Glassow, 1996). A larger volume of marine mammal and fish bones suggests the increased importance of those resources. Circular shell fishhooks appeared about 2500 B.P. and harpoons and plank canoes followed in roughly 1700 B.P. These innovations coincide with

greater use of the marine environment. Major changes in sociopolitical organization around 3000 B.P., reflecting a change from an egalitarian to a non-egalitarian society with high status positions inherited at birth (King, 1990). Researchers have suggested that interior settlements became involved in elaborate trade networks that moved important seed resources to the coast in exchange for marine resources (Glassow, 1996).

Late Period (800 B.P. to Establishment of the Spanish Missions)

There was continued intensification of maritime adaptations along the Santa Barbara Channel during the Late Period. This led to the development of large permanent coastal villages and expansion of the trade network between islands, the mainland coast, and the interior (Gamble, 1995). The development of a medium of exchange ("money") in the form of Olivella shell beads facilitated the exchange of food, goods, and other commodities. Stratified society in the form of chiefdoms appeared with hereditary leaders and elite religious specialists. The bow and arrow were major technological additions that facilitated certain types of hunting and provided important offensive and defensive weapons.

Proto-historic (Early Contact) and Historic Chumash

While the coastal areas mentioned above saw development of a more maritime-based economy, the ancestral Chumash of the Santa Ynez Valley maintained subsistence patterns based largely on terrestrial plant and animal resources. However, annual runs of anadromous fish such as steelhead and other salmonid species in the Santa Ynez River may also have been an important component of the interior Chumash resource base (Spanne, 1975). The Chumash must have also participated, at least peripherally, in the maritime economy as evidenced by frequent remains of maritime species in archaeological deposits in the Santa Ynez Valley.

CHUMASH PEOPLE

The Chumash were a sophisticated group of hunter-gatherers who occupied the coastline, interior valleys, and offshore islands from Malibu in the south to Paso Robles in the north, and to the edge of the San Joaquin Valley to the east (SYI, 2017). This part of California is believed to have been their homeland for 10,000 years or more (Spanne, 2015).

The Chumash Indians were able to enjoy a more prosperous environment than most other tribes in California because they had access to marine and terrestrial resources. The Chumash people lived in large, dome-shaped homes that were made of willow branches; whalebone was used for reinforcing and the roofs were composed of tule mats. The interior rooms were partitioned for privacy by hanging reed mats from the ceiling, and up to 50 people could live in one house. To acquire marine resources, the Chumash built wooden boats using redwood trees and driftwood sealed with natural tar, allowing access to the shoreline and the Channel Islands. Technological improvements led to increasing individual and societal wealth, with increased sedentism and development of a stratified society, with a labor class, artisans, Tribal leaders, and priests (SYI, 2017).

Women could serve equally as chiefs and priests. Chieftains, known as wots, were usually the richest, and therefore, the most powerful. It was not uncommon for one chief to hold responsibility for several villages. The son or daughter could inherit this position of authority for the Chumash community when the chief died. Chumash villages were endowed with a shaman/astrologer; the Chumash believed that the world was in a constant state of change, so decisions in the villages were made only after consulting the charts (SYI, 2017).

The Chumash did not make ceramics prior to Spanish contact, but did produce finely detailed basketry, steatite and other stone objects, wooden bowls, plank canoes, and basket mortars. They often decorated objects and sealed canoes and baskets with asphaltum (Grant, 1978). Acorns formed a staple food for the Chumash people, supplemented with pine nuts, berries, mushrooms, greens, soap plant, grass and weed seeds, mule deer, coyote, fox, rabbits, birds, migratory waterfowl, seals, otters, porpoises, stranded whales, shellfish, shark, bonito, sea bass, and other fish species.

At the time of early Spanish exploration, several Chumash villages were located within a few miles of the Volks Property. The closest one was kalawasaq' (translated as "shell of the turtle"), located along the Santa Ynez River (Applegate, 1975). Other villages were located in the foothills to the north and farther upstream along the river and other nearby drainages.

HISTORIC SETTING

During the Spanish Mission Period and subsequent Mexican Rancho Period, the project area was used for grazing livestock and was likely planted in grain and hay crops, practices that have continued up to the present day. There are some archaeological sites in the vicinity of the project, such as those near the location of Mission Period corrals along Santa Agueda Creek, which are related to these types of early agricultural activities (Wilcoxon and Lelevre, 1984).

The study area falls within the former boundaries of the College Rancho, also known as Canada de los Pinos. The Mexican Government granted this 35,499-acre ranch to the Catholic Church in 1844 to support a seminary or college at Santa Ines Mission, but the project was unsuccessful (Tompkins, 1962). After secularization of the missions in 1834, two large land grants in the Santa Ynez Valley (Rancho Zaca and Rancho Alamo Pintado) were made to Chumash individuals in 1838 and 1843, as soon as they met the qualifications of Mexican citizenship. In addition, 16 smaller grants, ranging in size from approximately 16 to 144 acres, were made to heads of Chumash households. All of these lands were later lost under dubious circumstances (Spanne, 2015).

In the mid-19th century, the Catholic Church maintained that many Church lands were jointly owned by the Church and its neophytes (in this case the Chumash). In a title action beginning in 1897, the Catholic Bishop of Monterey began the process of eliminating any neophyte claims to about 11,500 acres of the College Ranch, transferring title of the Zanja de Cota Riverbed to the Indian Agent of the Mission Tule (Consolidated) Agency in California. In settlement of the claim, and by implementation of the Mission Indian Act of 1891 and an Executive Order from President Harrison, the Zanja de Cota land was turned into the Santa Ynez Indian Reservation (Armenta, 2008) as of December 27, 1901.

FOSSIL DISCOVERY

Over 3,000 fossils, including microfossils, plants, invertebrates, and vertebrates, have been found in the County. The closest findings to the APE were in Los Olivos and Solvang (University of California Museum of Paleontology, 2016).

3.5.2 IMPACTS TO CULTURAL RESOURCES

For cultural resources, an adverse impact would result if implementation of the project alternatives resulted in physical destruction of or damage to all or part of the resource; alteration of a resource; removal of the resource

from its historic location; or change of the character of the resource's use or of physical features within the resource's setting that contribute to its historic significance.

ALTERNATIVE A

Investigation of the subject property included a review of previous record search results (compiled by the CCIC on January 29, 2015) and examination of historic aerial photographs and maps; results indicate that there have been a number of historic and prehistoric resources documented within one half mile, but none on the subject property. Historic aerial photographs examined include photos taken in 1928, 1938, 1940, 1954, 1960, 1975, 1977, 1981, 1994, 2005, 2009, 2012, and 2016. The earliest photos (1928, 1938, and 1940) show a residence at the northern end of the subject property. In 1954, there appears to be development spread across most of the property. From 1975 to 1977 the only visible structures are in the southern half of the site. In 1981, the configuration of structures changes again and in 2005 the parcel adopts its current configuration (EDR, 2020).

Maps examined include the 1929 Sanborn Map that shows the residence at the north end of the subject property. There is possible development on both the north and south ends of the subject property depicted on the 1905 USGS topographic quadrangle that is still present at the north end on the 1942, 1943, 1947, and 1959 maps, then more modern development marked on the 1974, 1978, and 1995 maps (EDR, 2020).

No resources have been identified on the subject property; it is currently fully developed and/or graded and therefore there are no surfaces visible that might indicate the presence of cultural resources. A review of aerial photographs indicates that the gas station dates from sometime between 1967 and 1975, indicating that it is equally possible that it technically meets the 50-year-old criterion or that it does not. While the gas station is linked to the broad pattern of car travel in California, it is not linked to specific events or people that are significant in history (NRHP criteria A and B). It is a utilitarian structure with no particular architectural style and does not represent the work of a master (Criterion C), and there are no apparent data values to be recovered from the site (Criterion D). Therefore, the gas station is recommended not eligible for listing on the NRHP. The Proposed Action (taking the subject property into trust) would not change the land use, and while the southern portion of the subject property has been thoroughly disturbed by construction and later remediation of an underground tank at the gas station, development of the northern portion of the subject property, even if limited to construction of a parking lot, curb, gutter, and sidewalk improvements, has the potential to impact resources associated with the early 20th century occupation and use of the land. If such resources were uncovered during construction and if analysis demonstrated that the resources were eligible for listing on the NRHP, such impacts could be significant without appropriate mitigation of adverse effects.

However, as-yet unknown archaeological sites could be uncovered during ground-disturbing activities. As a result, mitigation measures are presented in **Mitigation Measure 4.5.1** that would reduce adverse effects to as-yet unknown cultural resources, including the identification of human remains, created by construction of Alternative A to less-than-significant levels.

Paleontological Resources

No paleontological resources were noted during the 2015 survey; however, approximately 3,000 fossils, including microfossils, plants, invertebrates, and vertebrates, have been found in the County. Some were found as near to the APE as Los Olivos and Solvang. Therefore, construction of Alternative A has the potential to

uncover paleontological resources. **Mitigation Measure 4.5.2** addresses the treatment of paleontological discoveries. Implementation of these measures would ensure that Alternative A would not result in significant adverse effects to previously unknown paleontological resources under Section 101 (b)(4) of NEPA (40 CFR §§ 1500-1508).

ALTERNATIVE B

Under the No Action Alternative, the land would not be taken into trust by the BIA for the benefit of the Tribe and the Tribe would retain ownership of the properties in fee title. The proposed parking lot development would be constructed in accordance with state and local requirements. With the implementation of Alternative B, no additional impacts would occur in relation to cultural resources compared to Alternative A. However, similar to Alternative A, **Mitigation Measures 4.5.1** and **4.5.2** would also be required under Alternative B to reduce potential impacts to cultural and historical resources, and no additional mitigation would be required.

3.6 SOCIOECONOMIC CONDITIONS / ENVIRONMENTAL JUSTICE

The following describes the existing socioeconomic conditions and environmental justice considerations, as well as the potential impacts and mitigation measures relating to the proposed alternatives.

3.6.1 SANTA YNEZ, SANTA BARBARA COUNTY

The community of Santa Ynez lies roughly 30 miles northwest of the City of Santa Barbara in Santa Barbara County. The County had an estimated population of 448,150 people in 2017. The estimated median household income in the County was $68,023 in 2017. The median population estimate for Santa Ynez was 4,377 in 2017, with an estimated household income of $92,417, approximately 36 percent higher than the County. There were roughly 1,882 housing units in the community of Santa Ynez in 2017. Visual observation of the project vicinity indicates that existing residences in the area consist mostly of single-family rural residential homes with few multi-family residences in Santa Ynez. (U.S. Census, 2018).

3.6.2 SANTA YNEZ BAND OF CHUMASH INDIANS

The Santa Ynez Band has over 250 enrolled tribal members (Santa Ynez Chumash, 2020). The Tribe houses just over 100 residential units on the original 99-acre reservation and in the 38-acre northern fee-to-trust annexation of the late 1970s. The Tribe intends to build an additional 143 residences and a Tribal Hall after an area of over 1,400 additional acres of ranch land was placed into federal trust on December 20, 2019, (Santa Ynez Chumash, 2020).

3.6.3 ENVIRONMENTAL JUSTICE COMMUNITIES

Executive Order (EO) 12898, Federal Actions to Address Environmental Justice in Minority and Low-Income Populations, as amended, directs federal agencies to develop an Environmental Justice Strategy that identifies and addresses disproportionately high and adverse human health or environmental effects of their programs, policies, and activities on minority populations and low-income populations. CEQ has oversight responsibility of the federal government's compliance with EO 12898 and the NEPA. The CEQ, in consultation with the EPA and other agencies, has developed guidance to assist federal agencies with their NEPA procedures so that environmental justice concerns are effectively identified and addressed.

According to guidance from the CEQ (1997) and EPA (1998), agencies should consider the composition of the affected area to determine whether minority populations, low-income populations, or Indian tribes are present in the area affected by a Proposed Action and, if so, whether there may be disproportionately high and adverse environmental effects to those populations. Communities may be considered "minority" under EO 12898 if one of the following characteristics apply:

- The cumulative percentage of minorities within a census tract is greater than 50 percent (primary method of analysis); or
- The cumulative percentage of minorities within a census tract is less than 50 percent, but the percentage of minorities is meaningfully greater than the minority population percentage in the general population or other appropriate unit of geographic analysis (secondary method of analysis).

According to the EPA, either the county or the state can be used when considering the scope of the "general population." A definition of "meaningfully greater" is not given by the CEQ or EPA, although the latter has noted that any affected area that has a percentage of minorities that is above the state's percentage is a potential minority community and any affected area with a minority percentage double that of the state's is a definite minority community under EO 12898.

- Communities may be considered "low-income" under EO12898 if one of the following characteristics applies:
    - The median household income for a census tract is below the poverty line (primary method of analysis); or
    - Other indications are present that indicate a low-income community is present within the census tract (secondary method of analysis).

In most cases, the primary method of analysis will suffice to determine whether a low-income community exists in the affected environment. However, when a census tract income may be just over the poverty line or where a low-income pocket within the tract appears likely, the secondary method of analysis may be warranted. Other indications of a low-income community under the secondary method of analysis include limited access to health care, overburdened or aged infrastructure, and dependence on subsistence living.

EO 12898 states that "each Federal agency shall analyze the environmental effects, including human health, economic, and social effects, of federal actions, including effects on minority communities and low-income communities, when such analysis is required by NEPA."

MINORITY COMMUNITIES

The minority population of the County is significantly below the state average and is therefore not considered a minority community. However, the minority population of the Santa Ynez Reservation is significantly above 50 percent and is therefore considered a minority community.

LOW-INCOME COMMUNITIES

None of the census tracts have a median household income below the poverty threshold nor are any other indications of a low-income community present; therefore, the community encompassing the project area is not considered "low-income."

SOCIAL EFFECTS

Social limitations for the Tribe are guided by the lack of non-constrained lands for traditional gatherings. Historically, the Tribe would be able to have large gatherings of members and other tribes in the region who would trade goods, dance, celebrate life through music, and story-telling; the only form of historical records in the Americas until European settlers immigrated to the continent and began to scribe the natives' stories.

3.6.4 SOCIOECONOMICS / ENVIRONMENTAL JUSTICE IMPACTS

METHODOLOGY

The proposed alternatives were reviewed to determine if implementation would result in adverse effects to the socioeconomic and environmental justice settings of the region. An adverse effect would occur if the implementation of the project alternatives would result in substantial alteration of the ability of the local economy to perform at existing levels. This includes the effects of substantial loss to businesses (e.g., revenue or employees); or loss to governments (e.g., tax revenues); the displacement of substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere; the displacement of substantial numbers of people, necessitating the construction of replacement housing elsewhere; or disproportionate and adverse effects to an identified minority or low-income community or Indian tribe.

Alternative A

Socioeconomic Conditions

The Volks Property was transferred to the non-profit Tribe-affiliated Chumash Museum and Cultural Education Foundation responsible for development of the Cultural Center (**Appendix B**). This non-profit group is tax exempt; accordingly, the Volks Property is currently exempt from County taxes. There would be no impact from the trust transfer in regards to the ability of the County to implement social programs through taxation.

Because the purpose of the project is to provide a designated parking lot adjacent to the Tribe's Cultural Center, it is unlikely to change either the population or demographics of the area in a substantial way. Development of the parking lot would be incorporated into the completion of the Cultural Center and therefore no new workers would be required. The project would not significantly affect population or demographics and would not result in significant adverse impacts.

Additionally, by providing designated, well-lit and safe off-street parking, Alternative A would ease access to the Cultural Center and therefore permit the Cultural Center to accommodate the anticipated number of visitors arriving by vehicle at any given time. The increased accessibility provided by Alternative A during peak visitation would indirectly generate revenue for the local community as Cultural Center visitors also visit restaurants, shops, and gas stations in the vicinity, including directly across Numancia Street from Alternative A and the Cultural Center.

Environmental Justice

As discussed above, the Volks Property is located in a suburban area near downtown Santa Ynez. There are no identified low-income or minority populations with the exception of the Tribe located in the area. Tribal members would not be subject to disproportionately high or adverse human health or environmental impacts because the project is for their benefit. Alternative A would not create adverse impacts with regard to

environmental justice; therefore, no mitigation is warranted. Restoration of tribal sovereignty to the Volks Property would be a benefit to the Tribe.

Alternative B

Under the No Action Alternative, the proposed parking lot development would be constructed in accordance with state and local requirements in fee title, and the Tribe would receive reduced socioeconomic or environmental justice benefits compared to Alternative A (jurisdictional conflict between the Cultural Center and the parking lot that would serve it). With the implementation of Alternative B, the beneficial impacts to socioeconomic conditions and environmental justice would be less than under Alternative A. Additionally, socioeconomic and environmental justice impacts would not be assessed under CEQA review.

3.7 TRANSPORTATION AND CIRCULATION

The following describes the existing transportation and circulation aspects of the roadway network in the general vicinity of the Volks Property.

3.7.1 ENVIRONMENTAL SETTING

The Volks Property is located within the community of Santa Ynez in south central Santa Barbara County. Neighboring communities include Solvang and Buellton to the west and Los Olivos to the north. Regional access to the Volks Property is primarily provided by SR-246 that also provides direct access to the southern portion of the property. Additional direct access is provided by Edison Street (north to south) and Numancia Street (east to west) on the north side.

EXISTING ROADWAY NETWORK

The roadway network in the Santa Ynez Valley consists of two State routes and several local roadways. Roadways in the project area are described below.

SR-246 is a two-lane east/west oriented State highway under the jurisdiction of the California Department of Transportation (Caltrans). SR-246 provides regional access to the Santa Ynez Valley area between SR-154 to the east and US-101 to the west. SR-246 is used by local drivers as an intra-community route within the Santa Ynez Valley.

Edison Street is a two-lane north/south oriented County roadway that extends north from SR-246 to approximately 1.0 mile north of SR-154. Edison Street is the main thoroughfare in Santa Ynez.

Numancia Street is a two-lane local street that begins west of Tyndall Street at Santa Ynez Park and terminates to the east at Faraday Street. Numancia Street provides access to both local residences and small commercial land uses, in addition to the park. The current paved section of Numancia Street is 24 feet wide with 2- to 4-footwide unpaved shoulders. There are several driveways and some perpendicular parking is allowed on the north side of the street.

3.7.2 IMPACTS TO TRANSPORTATION AND CIRCULATION

METHODOLOGY

Impacts from the Proposed Action would be considered significant, if construction or operation would result in a significant number of new vehicle trips not previously assessed in the 2004 EA conducted for the Cultural Center that would degrade roadway capacities.

ALTERNATIVE A

Construction and Operation

Construction of the parking lot would be incorporated into the development of the Cultural Center and therefore no new construction vehicle trips outside a few additional materials that may be required. Accordingly, construction of the parking lot would not result in a substantial number of new vehicle trips not previously assessed in the 2004 EA. As the parking would serve the anticipated number of vehicle trips assessed in the 2004 EA, no new trip generation or impacts to transportation and circulation would occur as part of the operational phase of Alternative A. Further, Alternative A would provide designated parking for visitors to the Cultural Center, thereby reducing traffic and circulation impacts resulting from on-street parking in the vicinity of the Cultural Center. Therefore, Alternative A would not result in significant adverse impacts to transportation and circulation.

ALTERNATIVE B

Under Alternative B, the Volks Property would remain in fee status. The proposed parking lot development would be constructed and operated in accordance with state and local requirements. Alternative B would have identical impacts to Alternative A. Development and operation under Alternative B would be subject to the goals and policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP, that would include for instance that the project must meet all County roadway standards and be consistent with policy capacity levels.

3.8 LAND USE AND AGRICULTURE

The following describes the existing land use and land use planning considerations, including agriculture within the Volks Property and general vicinity, as well as the potential impacts and mitigation measures related to the proposed project alternatives.

3.8.1 EXISTING SETTING

The Volks Property is located in unincorporated Santa Barbara County within the Santa Ynez Valley Planning Area adjacent to the existing 6.9-acre trust land where the Cultural Center is being constructed. The Volks Property is within the Santa Barbara County's Comprehensive Plan and zoning jurisdiction. APNs 143-251-003 and -004 have a land use designation of General Commercial and Service Commercial, respectively, and do not have designated agricultural uses (Santa Barbara County, 2009). A zoning jurisdiction and land use designation of General Commercial is applied to lands that range from convenience activities to wholesale facilities which support agricultural, construction, and transportation activities. A zoning jurisdiction and land use designation of Service Commercial is suitable for a limited range of commercial activities of a service commercial nature, including but not limited to wholesale business facilities, construction, transportation, and warehouse and storage facilities. Surrounding land uses include commercial to the north and undeveloped lands to the east. The Town of Santa Ynez is directly north of the Volks Property and the Santa Ynez Valley Airport is located

approximately one-half mile southeast of the Volks Property. The Santa Ynez Airport is an active general aviation airport with over 90 based aircraft and approximately 26,000 annual operations, according to the Federal Aviation Administration Airport Master Record for 1997. The Volks Property is a disturbed lot where an underground storage tank was removed; there is currently a structure that was previously operated as a gas station, several monitoring wells, and the southern portion of the property contains pavement.

NEPA requires an assessment of a federal action's potential effect on locally adopted land use plans, as well as plans that have been formally proposed and are being actively pursued by officials of the jurisdiction. Accordingly, adopted and proposed land use and agriculture regulations and plans are discussed below.

3.8.2 REGIONAL PLANNING DOCUMENTS

Land use activities on the Volks Property and surrounding areas are currently regulated by the SYVCP and Santa Barbara County Department of Planning & Development.

COUNTY OF SANTA BARBARA COMPREHENSIVE PLAN

According to the Santa Barbara County Comprehensive Plan's Land Use Element, the Volks Property has a zoning jurisdiction and land use designation of General Commercial and Service Commercial. As discussed in **Section 3.8.1**, uses such as a parking lot is permitted under these designations. ***SANTA YNEZ VALLEY COMMUNITY PLAN***

The Volks Property is located within the SYVCP area. The SYVCP categorizes the planning area by three distinctive types: Urban Townships, Inner-Rural Area, and the Rural Area. The Volks Property lies within the Urban boundary and is zoned Unincorporated Urban Area under the SYVCP Regional Map. The Volks Property is surrounded by rural land and areas classified as Existing Developed Rural Neighborhood to the north, east, and south.

3.8.3 AGRICULTURE

The Santa Barbara County Comprehensive Plan identifies the Volks Property as suitable for commercial use. Agricultural operations currently exist south of the Volks Property and east of the Santa Ynez Airport and are defined as Unique Farmland. The SYVCP identifies the Volks Property as being zoned for general commercial use. No part of the property is enrolled within Santa Barbara County's Agricultural Preserve Program (Williamson Act).

FARMLAND PROTECTION POLICY ACT

The Agriculture and Food Act of 1981 (Public Law 97-98) contained the (Subtitle I of Title XV, Section 1539-1549). The purpose of the Farmland Protection Policy Act (FPPA) is to minimize the impact of federal programs on the unnecessary and irreversible conversion of farmland to nonagricultural uses. The FPPA Important Farmland Map for the County includes eight categories, none of which are identified on the Volks Property. No areas on the Volks Property are designated as Prime, Unique, or Farmland of Local/State Importance.

WILLIAMSON ACT

The Volks Property is not under an active Williamson Act contract (County, 2009e).

3.8.4 IMPACTS TO LAND USE AND AGRICULTURE

METHODOLOGY

NEPA requires an assessment of the project effects on and compatibility with adopted land use plans. Adverse impacts to land use would result if an incompatible land use within Alternative A would result in the inability of the County to continue to implement existing land use policies outside of the Volks Property boundaries. In addition, adverse impacts to land use would result if the implementation of Alternative A resulted in the conversion of a significant percentage of County designated prime agricultural lands or other protected agricultural lands.

ALTERNATIVE A

Local Planning and Land Use Compatibility

Alternative A would result in the removal of 0.51± acres from County jurisdiction and placement of the land into federal trust for the benefit of the Tribe. Under Alternative A, the existing abandoned gas station would be demolished and converted into a parking lot to serve the adjacent Cultural Center. No areas designated by the Tribe for agricultural use would be taken into trust. Development on the Volks Property would not prevent the County from administering land use controls on surrounding off-reservation lands.

Agriculture

With the implementation of Alternative A, land currently zoned for urban use would be improved upon by converting the existing abandoned gas station to a parking lot, that would serve the adjacent Cultural Center. The Volks Property does not currently include agricultural operations and is not currently zoned for agriculture. Implementation of Alternative A would not result in the conversion of harvested agricultural land for the project. No prime farmland, farmland of statewide importance, or unique farmland would be converted to non-agricultural uses. Thus, no adverse impacts to Prime Farmland, Farmland of Statewide Importance, or Unique Farmland are expected to occur under Alternative A.

Williamson Act

The project parcels are not under Williamson Act Contracts (CDC, 2015c). The Tribe is not required to submit a notice of non-renewal for the non-Williamson Act Contracts because the parcels are identified as urban and built-up land (CDC, 2015c). No impact would occur to enrolled farmland due to the implementation of Alternative A; therefore, no mitigation is required.

ALTERNATIVE B

Local Planning and Land Use Compatibility

Under the No Action Alternative, the land would not be taken into trust by the BIA for the benefit of the Tribe and the Tribe would retain ownership of the properties in fee title. The proposed parking lot development would be constructed in accordance with state and local requirements and jurisdiction would remain with the County and State. If the land were to remain in fee status, tribal decisions concerning the use of the land and resources would continue to be subject to the authority of the State of California and the County of Santa Barbara, impairing the Tribe's ability to adopt and execute its own land use decisions and development goals. With regard to these parcels, lack of trust status creates a void in the Tribe's jurisdiction which may lead to jurisdictional conflicts between these parcels and the one on which the Cultural Center sits. However, the

development of Alternative B is permitted under existing zoning jurisdiction and land use designation as detailed in the Santa Barbara County Comprehensive Plan.

Agriculture

No current agricultural operations or zoning exist on the Volks Property, and the development and operation of Alternative B would not include agricultural uses. As a result, agriculture related goals and policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP would not be warranted. No adverse impacts to agriculture would result under this alternative and therefore, no further evaluation is warranted.

Williamson Act

No project parcels are under Williamson Act Contracts (CDC, 2015c). The Tribe is not required to submit a notice of non-renewal for the non-Williamson Act Contracts because the parcels are identified as urban and built-up land and non-enrolled land (CDC, 2015c). No impact would occur to enrolled farmland due to the implementation of Alternative B.

3.9 PUBLIC SERVICES

The following describes the existing water supply; wastewater service; solid waste; electricity, natural gas, and telecommunications; law enforcement; fire protection; emergency medical services; schools; and parks and recreation facilities that occur within the project parcels and general vicinity, as well as the potential impacts and mitigation measures for proposed alternatives.

3.9.1 WATER SUPPLY

Water in the vicinity of the project parcels is supplied by private groundwater wells and in the general vicinity service connections to the Santa Ynez River Water Conservation District ID1. ID1 currently provides coverage of 10,850 acres to approximately 8,300 customers via 2,500 municipal and industrial connections and approximately 118 agricultural connections (ID1, 2015). ID1 water supplies consist of allotments from the State Water Project, allotments from the Central Coast Water Authority, the Cachuma Project, Appropriative Rights to the underflow of the Santa Ynez River licensed by the SWRCB, and Upland Basin Groundwater through 19 groundwater supply wells.

3.9.2 WASTEWATER SERVICE

The Volks Property is located within the Santa Ynez Community Services District (SYCSD). The nearest wastewater treatment plant is located within the existing Reservation, approximately 1.0 mile from the project parcels, and the nearest municipal wastewater system is the SYCSD sewer system. Wastewater in the immediate vicinity of the Volks Property is disposed of via individual septic tanks and leach fields (County, 2016).

3.9.3 SOLID WASTE

The management of non-hazardous solid waste in the County is mandated by State law, including California Assembly Bill (AB) 341, and is guided by policies at the State and local levels. In accordance with AB 341, the County is required to divert 75 percent of its total waste stream from landfill disposal by 2020 (CalRecycle, 2017).

The County Public Works Department Resource Recovery & Waste Management Division (RRWMD) is responsible for planning and implementing waste collection and recycling programs. Waste collection services are provided by private waste haulers through contractual agreements with the RRWMD.

The nearest transfer station to the Volks Property, approximately 22 miles to the northwest, is the Santa Ynez Valley Recycling and Transfer Station located in Los Olivos, California. The transfer station can process approximately 220 tons of material per day (Johnston, 2016). Average daily intake at the Santa Ynez Valley Recycling and Transfer Station is 50 tons per day. Non-Recyclable solid waste in the vicinity of the project parcels is disposed of at the Tajiguas Sanitary Landfill, a County-owned and operated facility. The Class III landfill is currently permitted to accept up to 1,500 tons of waste per day. Average daily intake at Tajiguas Sanitary Landfill is currently 742 tons per day (County, 2013). The landfill is estimated to reach its capacity in the year 2026 (County, 2013). The Tajiguas facility has expanded to an anaerobic digestion (AD)/landfill facility. AD facilities use plant and animal matter to create methane gas that is then used to supply power. The process of anaerobic digestion consists of decomposing plant and animal material down to usable-sized molecules such as sugars. The decomposed matter is then converted into organic acids and the acids are turned into methane gases that generate power and create electricity (California Energy Commission, 2017).

3.9.4 ELECTRICITY, NATURAL GAS, AND TELECOMMUNICATIONS

ELECTRICAL AND GAS SERVICES

Pacific Gas and Electric (PG&E) provides electricity and natural gas services to the Volks Property. Overhead electric lines are located along all three adjacent roads, to the north, east, and south of the Volks Property. PG&E serves the project vicinity out of its Cabrillo Substation and Santa Ynez switching station. Natural gas in the vicinity of the Volks Property is provided by the Southern California Gas Company, of which the closest access to extant gas distribution lines is 1.3 miles to the west, at North Refugio Road (Southern California Gas Company, 2017).

TELECOMMUNICATIONS

Verizon Residential currently provides local telephone service to County residents. A variety of providers, including Verizon, currently offer long distance telephone services.

3.9.5 LAW ENFORCEMENT

California adheres to Public Law 280 that allows for state criminal law enforcement jurisdiction on tribal trust lands; however, this jurisdiction does not include regulatory civil law authority. Depending on the crime (pursuant to Public Law 280 and the Major Crimes Act), the U.S. Marshal may also provide support in specified situations. On tribal trust lands, the Tribe conducts law enforcement activities in accordance with the jurisdictional duties identified under the Title II -Tribal Law Order Act of 2010 (U.S. Department of Justice, 2010).

SANTA BARBARA COUNTY SHERIFF'S DEPARTMENT

The Santa Barbara County Sheriff's Department (SBCSD), North County Operations Division, provides law enforcement services to the project parcels. Local SBCSD stations are located at 140 W. Highway 246 in the City of Buellton and at 1745 Mission Drive in the City of Solvang; an Air Support Unit is based at the Santa

Barbara County Airport. These stations are staffed with contracts between each City; the SBCSD and the Reservation also have a separate contract for a full-time equivalent of one SBCSD deputy (five shifts per week). The City of Buellton operates a motor officer, the City of Solvang operates two additional SBCSD deputies that are responsible for patrolling the majority of the unincorporated regions of the Santa Ynez Valley, and the SBCSD operates a station detective and station lieutenant. The Reservation also has a community resource deputy and an ABC mitigation deputy on duty to provide additional support and work in the Santa Ynez Valley (O'Grady, 2017). However, because the project only proposes the construction and operation of a parking lot to assist with the adjacent Cultural Center, no additional need for law enforcement is anticipated. Additionally, the proposed parking lot would be well lit and monitored by parked and/or roving security guards. This would aid in the prevention of auto theft and other related criminal activity.

CALIFORNIA HIGHWAY PATROL

The California Highway Patrol is the primary law enforcement agency for traffic-related issues on SR-154 and SR-246, which provide access to the project area. The closest sub-station is located at 166 Industrial Way in Buellton, approximately 8 miles west of the existing Reservation.

3.9.6 FIRE PROTECTION

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

The California Department of Forestry and Fire Protection (CAL FIRE) provides wildland fire protection and, under contract with the BIA, responds to wildfires on Indian reservations in California. The project parcels and a majority of the surrounding land in the Santa Ynez Valley is designated as High Fire Hazard by the State (CAL FIRE, 2007). Per contractual agreements, the Santa Barbara County Fire Department (SBCFD) provides service to State responsibility areas in the County.

LOCAL FIRE DEPARTMENTS

Santa Barbara County Fire Department

The SBCFD provides fire suppression, fire prevention, and life safety services to all unincorporated County areas, including the project parcels. SBCFD operates three fire stations in the vicinity of the Volks Property (Fire Stations 30, 31, and 32). Station 30 is located in the City of Solvang, Station 31 is located in the City of Buellton, and Station 32 is located at 906 Airport Road at the Santa Ynez Airport. Station 32, closest to the Volks Property, is equipped with one fire truck and a staff of four full-time, trained personnel, including paramedics for emergency medical responses. The fire truck operated by the SBCFD can typically handle small structural fires such as residences (Hazard, 2017).

Allocation of tribal funds to the SBCFD is provided within the Special Distribution Funding in the Tribe's existing 1999 Tribal-State Gaming Compact with the State. In 2012, the Tribe agreed to provide SBCFD funding of $501,000 for firefighter/paramedic positions. Total payments to the SBCFD for services from 2002 to 2017 were approximately $4.58 million. With the renegotiation of the 1999 compact in 2015, the Tribe entered into an agreement for fire services with the SBCFD in May 2015 for a ladder truck and two full-time equivalent paramedic positions, one at Station 30 and one at Station 32.

CHUMASH WILDLAND FIRE DEPARTMENT

The Chumash Wildland Fire Department (CWFD) was founded in 2004 as a basic fire training program and provides non-structural wildland fire prevention, detection, and suppression services throughout southern California, and nationally when needed. The CWFD consists of one battalion chief, one captain, two fire apparatus operators, two firefighters, and one firefighter-dispatcher. The crew and equipment, consisting of a Type 3 engine, a 500-gallon tank wildland fire engine, a Type 6 engine, and a heavy-duty truck with a 250-gallon tank, are housed in a temporary building located on the existing Reservation.

The Chumash Fire Department (CFD) is part of the Tribal Government in charge of fire services, emergency medical services, and disaster preparedness for the Reservation and the great community of Santa Ynez. The CFD also operates in conjunction with other local fire departments and federal agencies for emergency services and wildland fires in the County, State, and other states (Santa Ynez Chumash, 2009).

3.9.7 EMERGENCY MEDICAL SERVICES

FIRST RESPONSE

The two closest fire stations to the subject property are Fire Stations 31 and 32. The SBCFD additionally provides first responder emergency medical services in the County. SBCFD firefighters are certified emergency medical technicians (EMT). Fire Station 31 has a full-time firefighter/paramedic assigned during each shift, while Fire Station 32 has two full-time firefighter/paramedics assigned during each shift (Hazard, 2017). Paramedics are extensively trained and are qualified to give medical injections, start intravenous lifelines, and use advanced airway management devices to support breathing, as compared to EMTs, who are more limited in their capabilities and qualifications. SBCFD firefighters are also trained in swift water rescue, vehicle extraction, trench rescue, low angle rescue, and confined space rescue. SBCFD is fully trained and equipped to respond to a medical emergency until an ambulance or helicopter arrives (Hazard, 2017). The project would offer off-street parking for the Cultural Center, providing better access to roads in the case of an emergency.

EMERGENCY DISPATCH AND TRANSPORT

The SBCSD is the local 9-1-1 public safety dispatch provider for the project parcels and the surrounding region. SBCSD is part of the Santa Barbara County Emergency Medical Services Agency, which includes first responders, ambulance providers, and emergency department staff. SBCSD dispatches eight fire departments as first responders, including the SBCFD.

In accordance with a contractual agreement with the County, American Medical Response (AMR) is the provider of ground ambulance service. AMR provides 18 advanced life support ambulances at seven locations throughout the County, as well as in regional coverage areas.

Emergency air transportation is provided by California Shock Trauma Air Rescue (CALSTAR). CALSTAR 7 is based out of the Santa Maria Airport. Response times to the project area for air transportation service is approximately 12 minutes, not including pre-flight activities.

LOCAL MEDICAL FACILITIES

The Santa Ynez Valley Cottage Hospital, located approximately 2.8 miles west of the subject property, provides emergency room medical services to the Santa Ynez Valley. This hospital is an acute care facility that can

accommodate both medical and trauma emergencies. The nearest major trauma center is the Santa Barbara Cottage Hospital in Santa Barbara, approximately 24 miles from the subject property.

OFFICE OF EMERGENCY MANAGEMENT

Through recent reorganization and funding, the Santa Barbara County Office of Emergency Management (OEM) provides multi-jurisdictional support for emergency planning, coordination, and incident response. OEM is designated as the lead response agency for the County in the event of a major emergency. OEM is located at 4408 Cathedral Oaks Road in the City of Santa Barbara.

3.9.8 SCHOOLS

PUBLIC SCHOOLS

The Volks Property is located within the College Elementary School District and Santa Ynez Union High School District. The College Elementary School District consists of three schools that serve the communities of Santa Ynez. The project would not result in population growth and thus would have no impact on public schools.

3.9.9 PARKS AND RECREATION

There are few parks and recreational facilities located in the vicinity of the Volks Property. The parks and recreation facilities closest to the Volks Property include the following:

- Santa Ynez Park is a County-maintained park located at 3200 Cuesta Street in Santa Ynez. This 2-acre facility includes picnic areas. The Cultural Center will have an interpretive park surrounding the Center that will also connect to the Santa Ynez Park.
- City of Solvang Parks are located to the west of the project parcels within the City of Solvang where three parks totaling approximately 60 acres exist.
- The Golf Course at Alisal is located approximately 3.3 miles southwest of the Volks Property.
- The Los Padres National Forest (Los Padres NF) is located approximately 5 miles southeast of the Volks Property. The Los Padres NF offers outdoor activities, including camping facilities and trails for bikers, hikers, and equestrian riders. The 1.75 million-acre Los Padres NF includes 1,257 miles of trails for hiking and horseback riding. The Los Padres NF has 10 congressionally designated wildernesses comprising approximately 875,000 acres, or about 48 percent of the forest, including the Ventana, Silver Peak, Santa Lucia, Machesna, Garcia, San Rafael, Dick Smith, Sespe, Matilija and Chumash wildernesses (USDA, 2014).

3.9.10 IMPACTS TO PUBLIC SERVICES

METHODOLOGY

To determine the impact on public services, the water supply, wastewater, solid waste, electricity, natural gas, telecommunications, law enforcement; fire protection, emergency medical services, public schools, and parks and recreation demands for Alternative A are considered. An adverse impact would occur if implementation of Alternative A would result in new project-related demands on public services not previously assessed that

would cause an exceedance of system capacities that result in a need for additional facilities, the construction and operation of which would result in adverse effects to the physical environment.

ALTERNATIVE A

Water Supply and Wastewater Service

As the parking lot would serve the Cultural Center, no new water demands or wastewater would be generated as a result of the implementation of Alternative A. Accordingly, Alternative A would not result in new project-related demands on public services not previously assessed that would cause an exceedance of system capacities and result in a need for additional facilities, the construction and operation of which would result in adverse effects to the physical environment.

Solid Waste

Potential solid waste from demolition of existing structures and construction of Alternative A would be similar in type and amount to other parking lot projects of the same scope and size and would include: paper, wood, glass, aluminum, and plastics from packing materials; waste lumber; insulation; empty non-hazardous chemical containers; concrete; metal, including steel from welding/cutting operations; and electrical wiring. These materials would be collected by private waste haulers and, after shipment to the local recycling center, would be transported to the Santa Ynez Valley Recycling and Transfer Station and/or the Tajiguas Sanitary Landfill. The Tribe would recycle as much of the construction waste as possible and anticipates diverting at least 65 percent of construction waste. Therefore, the non-recyclable construction waste would be minimal and would not cause adverse impacts to municipal solid waste facilities.

The Santa Ynez Valley Recycling and Transfer Station can process approximately 212 tons of material per day and has a maximum permit capacity of 320 tons per day (CalRecycle, 2019a). The Tajiguas Sanitary Landfill is permitted to receive approximately 1,500 tons per day (or 547,500 tons per year) of solid waste (County, 2018b). The landfill receives an average of approximately 600 tons per day, and had a remaining capacity of approximately 4,336,335 cubic yards as of 2016 (Cooper, 2015; CalRecycle, 2019b). Alternative A would generate little solid waste per day that would be sent to the landfill. Further, operational waste from visitor use of the parking lot would be attributed to visitation to the Cultural Center, for which solid waste impacts were assessed in the 2004 EA. As noted in this EA, all public services would be accommodated by existing and planned public services. No adverse impacts would occur to municipal solid waste facilities.

Electricity, Natural Gas, and Telecommunications

Electrical infrastructure facilities are currently located on and near the project parcels. The Tribe would coordinate with local service providers regarding the extension of services to the project parcels, such as electrical services for parking lot lighting. No utility service impacts would occur that would result in physical adverse impacts to the environment.

Law Enforcement

Under Public Law 280, 18 USC 1162, the State and other local law enforcement agencies have criminal enforcement authority on tribal lands. The SBCSD would provide law enforcement services to the project parcels. The SBCSD's station closest to the project parcels is located in the City of Solvang, approximately 4.8 miles west of the project parcels.

The SBCSD currently provides law enforcement support to the Tribe's ceremonial gatherings and events. The project would provide designated parking for visitors to the Cultural Center, reducing traffic congestion and on-street parking, and improving safety. Less-than-significant adverse impacts to law enforcement would occur that would result in physically adverse impacts to the environment or resources. Further, under Alternative A, the Tribe would continue to fund the SBCSD per the negotiated agreements. A less-than-significant impact would occur to law enforcement services.

Fire Protection and Emergency Medical Services

Construction vehicles and equipment, such as welders, torches, and grinders, may accidentally spark and ignite vegetation or building materials. The increased risk of fire during construction of the proposed parking lot would be minimal as construction activities would be an extension of the construction activities associated with the Cultural Center and therefore there would be a minor increase in risk of additional need for fire protection or emergency medical services associated with the parking lot development.

Public Schools

Because development of a parking lot for the Cultural Center would not bring new residents to the Santa Ynez Valley or nearby areas, implementation of Alternative A would have no significant adverse impact to the College School District, Los Olivos School District, or Santa Ynez High School District. Alternative A would not result in relocation of residents regionally; therefore, no adverse impacts to local school districts would occur.

Parks and Recreation

Alternative A features a parking lot for the Cultural Center that would not generate new visitors to the region who could adversely impact parks and recreation through increased use and associated degradation of facilities. No adverse effect regarding increased use of parks and recreation facilities would occur as the result of the implementation of Alternative A.

ALTERNATIVE B

The methodology used to determine project-related adverse impacts to public services for Alternative B, the No Action Alternative, is similar to Alternative A. The proposed parking lot development would be constructed in accordance with state and local requirements. Under Alternative B, there would be similar impacts to public services as those identified under Alternative A. However, since the lands would be retained in fee title, the potential beneficial aspects related to access federal programs available to tribes for trust lands that can be beneficial to public services would not be experienced. Development under Alternative B would be subject to policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP, and may be subject to Santa Barbara County's Solid Waste Management Plan, and may require the project developer pay commercial development user fees subject to the Tajiguas Landfill.

3.10 NOISE

The following describes existing noise conditions that occur within the project parcels and general vicinity, and the potential impacts and mitigation measures related to the project alternatives.

3.10.1 EXISTING NOISE AND VIBRATION LEVELS

The project area currently encompasses undeveloped land. The noise environment surrounding the area is influenced primarily by vehicle noise on Numancia Street, Cuesta Road, Edison Street, SR-246, and the gasoline station at the Edison Street/SR-246 intersection. Small aircraft may also contribute intermittent noise.

Some land uses are considered more sensitive to ambient noise levels than others due to the amount of noise exposure (in terms of both exposure duration and insulation from noise) and the types of activities typically involved. Residences, motels and hotels, schools, libraries, churches, hospitals, nursing homes, auditoriums, and parks and other outdoor recreation areas generally are more sensitive to noise than commercial and industrial land uses.

There are a number of existing sensitive receptors, primarily single-family residences, located in close proximity to the Volks Property and along roadways providing access to and from the site. The closest sensitive receptors to the site are those residences located on the north side of Numancia Street and the residences located on the south side of SR-246. Other sensitive receptors are those businesses located to the northeast of the project parcels.

AIRPORT NOISE

The Santa Ynez Airport is located approximately 0.15 miles south of the project parcels. The project parcels are located outside the Airport's 60-decibel (dBA) contour line and the airport traffic pattern area (SBCAG, 2019a). VAFB is located approximately 27 miles northeast of the project parcels. The project parcels are not within the sphere of influence of the VAFB (SBCAG, 2019b).

SOURCES OF GROUND BORNE VIBRATION

There are currently no sources of groundborne vibration in the vicinity of the project parcels.

NOISE SENSITIVE RECEPTORS

Noise sensitive land uses are generally defined as land uses with the potential to be adversely affected by the presence of noise. Examples of noise sensitive land uses include residential housing, schools, and health care facilities. Existing noise sensitive receptors in the project area includes residential housing.

Land use in the vicinity of the project parcels consist of agriculture, open space, retail, and residential. A community retail center borders the northern boundary of the project parcels. The closest noise sensitive receptor is approximately 350 feet to the northwest of the property boundary across Numancia and Tyndall Streets, and approximately 420 feet northwest of the property boundary across Numancia Street. The nearest school is the Santa Ynez Valley Charter School and the Santa Ynez Elementary School located approximately 0.35 miles north and 0.43 miles northwest of the project parcels, respectively. The nearest hospital is the Santa Ynez Valley Cottage Hospital located approximately 2.6 miles southwest of the project parcels.

3.10.2 NOISE IMPACTS

METHODOLOGY

Alternative A would have an adverse impact to the local community noise level if construction noise exceeded 78 dBA Leq between the hours of 7:00 A.M. and 6:00 P.M. at the nearest sensitive receptor, if construction

occurred between 6:00 P.M. and 7:00 A.M., or if vibration from construction activities exceeded 0.5 peak particle velocity (PPV) at structures or 0.1 PPV at sensitive noise receptor locations. Operation of Alternative A would have a significant adverse effect if an increase in traffic caused a 5 dBA Leq increase in the ambient noise level or stationary noise sources cause the ambient noise level to exceed the Federal Highway Administrations Noise Abatement Criteria of 67 dBA Leq.

Construction

Construction and operation noise effects were estimated using Caltrans methodology provided in its 2013 Technical Noise Supplement. Construction vibration effects were analyzed using Caltrans methodology provided in its 2004 Transportation and Construction-Induced Vibration Noise publication. Caltrans provides methods in its noise publications to calculate construction and operation stationary source and transportation noise from increases in traffic, distances to receptors, and existing noise levels.

ALTERNATIVE A

Construction Noise

Demolition, grading, and construction associated with Alternative A would be intermittent over a period of approximately four months and would be temporary in nature and blended with the construction of the Cultural Center. Construction noise levels at and near the site would fluctuate depending on the type, number, and duration of uses of various pieces of construction equipment. Construction-Related material haul trips have the potential to raise ambient noise levels along haul routes, depending on the number of haul trips made and the types of vehicles used. During the grading and building phases of construction, worker trips would occur only on weekdays and are not anticipated to occurring during peak hours (except for a slight overlap during the PM peak hour).

Stationary point sources of noise attenuate (lessen) at a rate of 0 to 10 dBA per doubling of distance from the source, depending on the environmental characteristics of the site (i.e., topography, type of ground surfaces, noise barriers, etc.) (Caltrans, 2013). An attenuation factor of 6.0 dBA per doubling of distance is appropriate given the topography and ground cover (e.g., trees and grass) on and in the vicinity of the project parcels. The maximum construction noise at the project parcels would be 89 dBA at 50 feet. The closest sensitive receptor to construction activity is located 370 feet from the Volks Property. Construction activities would consist of demolition of existing structures, site preparation, grading, laying of asphalt and installation of lighting, and traffic marker coating. Therefore, the maximum decibels generated from construction would be 66.8 at the nearest sensitive receptor. The maximum noise level at the nearest sensitive noise receptor would not exceed the daytime (7:00 A.M. to 6:00 P.M.) federal construction noise threshold of 78 dBA. Additionally, no construction would occur before 7:00 A.M. or after 6:00 P.M. Therefore, there would not be a significant adverse effect due to stationary construction noise.

Vibration

Construction activities would consist of using earthmoving equipment, shown in **Table 3.10-1**, that can produce detectable or damaging levels of vibration at nearby sensitive land uses, primarily depending on the distance between the source and the nearby sensitive land use. Generally, physical damage is only possible when construction requires the use of equipment with high vibration levels (e.g., compactors, large dozers, pile

drivers, etc.) and occurs within 25 to 100 feet of an existing structure. **Table 3.10-1** provides estimated construction vibration levels at this distance. The predicted PPV levels are below the significance threshold of 0.5 PPV for structures and 0.1 PPV for annoyance of people (Caltrans, 2004). No adverse effect would occur.

TABLE 3.10-1
REFERENCE AND PREDICTED PPV FROM CONSTRUCTION

Equipment	Reference PPV at 25 feet	PPV at 200 feet
	Inches per Second	
Large Bulldozer	0.089	0.0060
Excavator	0.089	0.0060
Vibratory Roller	0.210	0.0014
Scaper	0.089	0.0060
Loaded Trucks	0.076	0.0051
Small Bulldozer	0.003	0.0002
Note: PPV was predicted using the equation PPVpredicted = PPVref*(Dref/Dsource)^n where n = 1.3 based on soil conditions at the site Source: Caltrans, 2004.		

Operational Noise

The following identifies potential impacts from project-related noise sources, such as traffic and noise generated during events hosted by the Cultural Center.

Traffic

It is not anticipated that speed in the vicinity of the project parcels or the mix of trucks in the traffic would change during the project's operational phase. With project implementation, no change to traffic volumes would occur that was not accounted for in the 2004 EA. A discussion of the potential increases in traffic noise levels along affected roadways is provided below.

SR-246

SR-246 borders and is located south of the project parcels, providing regional access from the communities of Solvang, Buellton, and Lompoc. Approximately 1,172 vehicles per day travel east-west during the AM peak hour and 1,157 vehicles per day travel east-west during the peak PM hour. Nearby sensitive noise receptors are located approximately 300 to 575 feet from SR-246 along Numancia and Tyndall Streets. The existing ambient noise level was measured to be 56.0 dBA Leq approximately 50 feet from the centerline of SR-246 which is less than the federal Noise Abatement Criteria of 67 dBA. Further, as discussed in the existing setting, an increase of less than 1 dBA Leq would not be audible to sensitive receptors.

As noted in the 2004 EA, which considered operational noise from visitation to the Cultural Center, traffic noise would not be a significant impact to surrounding residences and retail facilities because the proposed facilities would operate and a majority of traffic would occur during normal business hours, seven days per week. The Cultural Center would generate traffic on nearby roads from the early morning until late afternoon; and some insignificant evening traffic could also occur.

Further, with the implementation of Alternative A, on-street parking resulting from visitation to the Cultural Center would be substantially reduced. This would reduce noise levels adjacent to residences on Numancia, Tyndall, Madera, and surrounding streets by concentrating parking in one lot across Edison Street from the Cultural Center.

Therefore, the addition of traffic attributable to Alternative A would not audibly increase the ambient noise level along potentially affected roadways, including SR-246. There would be no adverse effects to sensitive noise receptors from the increase in traffic noise levels resulting from Alternative A and no mitigation would be required.

Vibration and Other Noise Source

Noise from land maintenance equipment would be intermittent and temporary in nature and would be consistent with noise from established land uses. Worst case land maintenance equipment noise would be approximately 76 dBA Leq at 50 feet. The resulting noise level at the nearest sensitive noise receptor would be 53.8 dBA, which is less than the federal Noise Abatement Criteria of 67 dBA. Therefore, there would be no adverse impacts due to land maintenance equipment noise.

ALTERNATIVE B

Under Alternative B, the proposed parking lot development would be constructed in accordance with state and local requirements. Alternative B would result in similar construction and operational activities and traffic; therefore, Alternative B would result in similar impacts to the ambient noise environment as those identified under Alternative A. Development under Alternative B would be subject to the goals and policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP, that would include for instance that construction activities on the Volks Property comply with the Santa Barbara County Noise Ordinance.

3.11 HAZARDOUS MATERIALS

The following describes existing hazardous materials conditions that occur within the project parcels and general vicinity, and the potential impacts and mitigation measures related to the project alternatives.

3.11.1 ENVIRONMENTAL SETTING

The Volks Property consists of an abandoned gas station that was remediated in 2012 for leaking underground storage tanks filled with gasoline and diesel. The leaking tanks were located near the center of the two parcels. Approximately 22,863 pounds of total petroleum hydrocarbons as gasoline have been removed since the start of remediation on March 2, 2010. The remediation effort has reduced the soil hydrocarbons concentration to below the Regional Water Quality Control Board (RWQCB) cleanup levels; further remediation was deemed unwarranted by the RWQCB and the case was closed (SWRCB, 2012). No additional recognized environmental concerns (REC) were identified on the site (Rincon, 2015).

3.11.2 IMPACTS DUE TO HAZARDOUS MATERIALS

METHODOLOGY

A project would be considered to have significant hazardous materials impacts if hazardous materials exist onsite that would require remediation prior to development of a project alternative. Additionally, if a project would result in the use, handling, or generation of a regulated hazardous material, of which the regulated amounts would increase the potential risk of exposure resulting in reduction of quality of life or loss of life, then the project would have a significant adverse impact.

ALTERNATIVE A

Existing Sources

The historical REC was remediated and the case closed by the RWQCB with no land use restrictions attached to the title of the parcels. No additional hazardous materials have been identified on the project parcels that would expose people or the environment to hazardous materials at adverse levels. No hazardous sites indicative of spills or discharges were identified adjacent to the project parcels that would result in adverse effects to the environmental integrity of the project parcels.

Construction

During the construction period, it is possible that hazardous materials, such as solvents, paint, and adhesives would be introduced, stored, and used onsite. Construction BMPs reduce and often eliminate the impact of such accidental releases. Because contact with stormwater during construction is the primary means of transporting these contaminants offsite, appropriate BMPs for this impact would be required. With the implementation of the BMPs and mitigation measures provided in **Mitigation Measure 4.11.1** as well as compliance with federal laws related to the handling of hazardous materials, no adverse effects associated with the accidental release would occur during construction.

Operation

The majority of waste produced by the development of a parking lot on the project parcels would be non-hazardous. The amount and type of hazardous materials that would be generated are common to a parking lot-like setting and do not pose unusual storage, handling, or disposal issues. Based upon the amount and type of hazardous materials that would be stored, used, maintained, and generated during operation of Alternative A, effects to the environment or public are considered to be less than significant.

ALTERNATIVE B

The methodology used to determine project-related adverse impacts relating to hazardous materials for Alternative B is similar to Alternative A. The proposed parking lot development would be constructed in accordance with state and local requirements under fee title, and similar impacts related to hazardous materials would occur. However, development under Alternative B would be subject to the goals and policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP, including but not limited to the potential for annual inspections conducted by the Santa Barbara County Fire Department Hazardous Materials Unit to confirm that illegal hazardous waste is not disposed of on the Volks Property.

3.12 VISUAL RESOURCES

The following describes existing visual resources conditions that occur within the project parcels and general vicinity, and the potential impacts and mitigation measures related to the project alternatives.

3.12.1 ENVIRONMENTAL SETTING

The visual characteristics of the Volks Property and immediate surrounding areas are similar to other small-town atmospheres throughout the Santa Ynez Valley in the County. Immediately north of the Volks Property is the town's hardware store and surrounding commercial district. East of the Volks Property are undeveloped lands.

3.12.2 IMPACTS TO VISUAL RESOURCES

METHODOLOGY

Impacts related to visual resources would be considered significant if Alternative A were to substantially alter or interrupt locally important scenic vistas, introduce visual elements that would conflict with the Santa Ynez Valley's rural atmosphere, or create sources of inappropriate or excessive glare or nighttime illumination.

ALTERNATIVE A

As discussed in **Section 2.1**, the proposed parking lot would be constructed to be visually similar to that of surrounding downtown developments and landscapes in the Santa Ynez Valley. No impacts to or removal of significant natural features would occur. The site is characterized by developed areas and undeveloped but disturbed areas. A substantial portion of the site is developed land including paved and unpaved areas, a building structure, walls, and fences of a former gas station. Oak trees border the eastern portion of the Volks Property along Edison Street and would remain in place. The project parcels are consistent with the aesthetics of downtown Santa Ynez.

The proposed development of the abandoned gas station to accommodate visitors of the Cultural Center would enhance the visual character of the property as it would create a visually cohesive developed parking area congruent with the adjacent Cultural Center in place of a largely empty and unused fenced lot. It would also enhance the visual character of the surrounding residential neighborhood by reducing parking impacts from Cultural Center visitors on residential streets.

The Proposed Action would introduce new sources of lighting into the area and has the potential to increase glare due to parking surfaces and vehicles. Operation of the project after dusk would require night lighting for the parking lot, traffic circulation, security, and pedestrian safety. These lighting changes could significantly impact the day and nighttime views for surrounding areas and would require mitigation. **Mitigation Measure 4.12.1** would require that lights be installed in such a manner as to reduce light pollution when in operation.

The Proposed Action would be highly visible to local residents and regional travelers along SR-246 and Edison Street. Visual impacts would be greatest along SR-246 approaching the town of Santa Ynez. The speed limit of the highway at the project location is 45 miles per hour, so travelers in moving vehicles would have a view of the project for approximately 30 seconds.

Accordingly, impacts to visual resources from Alternative A would be reduced to minimal levels.

ALTERNATIVE B

The methodology used to determine project-related adverse impacts to land use for Alternative B, the No Action Alternative, would be similar to Alternative A. Under Alternative B, the proposed parking lot development would be constructed in accordance with state and local requirements. The County would retain land use jurisdiction over the project parcels and the Tribe's proposed development of an approximate 0.51-acre parking lot would be required to comply with local requirements, which could result in jurisdictional conflicts between these parcels and the one on which the Cultural Center sits. Development under Alternative B would be subject to goals and policies detailed in the Santa Barbara Comprehensive Plan and the SYVCP, including but not limited to the Santa Barbara County's Outdoor Lighting Ordinance.

3.13 GROWTH-INDUCING AND CUMULATIVE IMPACTS

Potential cumulative impacts for each environmental issue area under Alternatives A and B are discussed below. Cumulative impacts are defined in 40 CFR § 1508.7 as the impacts:

> *… on the environment which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless what agency (federal or non-federal) or person undertakes such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.*

Near-Term cumulative conditions for projects within the Santa Ynez Valley were established by reviewing the cumulative project database maintained by the County. **Table 3.13-1** presents a summary of the approved and pending near-term cumulative development within the Santa Ynez Valley.

TABLE 3.13-1
NEAR-TERM APPROVED/PENDING SANTA YNEZ VALLEY PROJECTS

Use Type	Total Development (sq. ft.)
Residential Development	1,831[1]
Agricultural Development (excluding wineries)	339,322
Wineries-Commercial Development	139,518
Commercial Development	748,754
Industrial/Utility/Alternative Energy Development	4[1]
Institutional Developments	871,953[2]
Mines	1[1]
Oil & Gas Development	12[1]
Recreational Development	1[1]

[1] Units/lots
[2] Plus one additional development listed without sq. ft.
Source: County of Santa Barbara, 2018a.

Long-term (2030) cumulative conditions were established using the 20-year build out forecasts contained in the SYVCP. The 20-year forecasts are based on 20-year build out land uses for the Santa Ynez Valley area provided by the County, growth within the adjacent cities of Buellton and Solvang, and cumulative growth from outside of the Santa Ynez Valley.

3.13.1 LAND RESOURCES

Reasonably foreseeable project developments would result in alterations to land resources to accommodate development in urban areas or areas designated under the SYVCP and the Santa Barbara Comprehensive Plan. Future off-site project developments would be required to be compliant with local and State building codes and ordinances. This would prevent water quality degradation from soil erosion and would ensure buildings are constructed to appropriate seismic standards. Future off-site project developments would also be required to be compliant with local, State, and federal requirements. This would ensure building are constructed to prevent water quality degradation from soil erosion. Therefore, there would be no adverse cumulative impacts to land resources with the implementation of Alternative A or B.

3.13.2 WATER RESOURCES

Construction and operation of Alternative A would result in minimal impacts to water resources. Other off-site project developments could result in drainage, flooding, or water quality impacts interacting and resulting in adverse cumulative impacts to surface water resources. These project developments would meet the County's drainage and flood prevention standards to prevent adverse cumulative impacts to floodplain management. Alternative B, the No Action Alternative, would not create the potential for off-site erosion and/or siltation, new impervious surfaces, and additional off-site surface water flows. There would no adverse cumulative impacts to regional drainage, flooding, or surface water quality with the implementation of Alternative A or B.

As a result of the implementation of Alternative A or B, no changes in potable water demand would occur. Neither Alternative A nor Alternative B would generate water demand. Therefore, no impacts to potable water resources would occur.

3.13.3 AIR QUALITY AND CLIMATE CHANGE

ALTERNATIVE A

Past, present, and future project developments contribute to regional air quality conditions on a cumulative basis and therefore air pollution is largely a cumulative impact. A project's impact on air quality would be considered cumulative if individual emissions contribute toward exceedance of the NAAQS. In developing attainment designations for CAPs, the EPA considers the regions' past, present, and future emission levels.

Construction Emissions

Alternative A would result in the generation of CAPs and GHGs from demolition of existing structures and construction of the proposed parking lot. The Volks Property is partially paved and unpaved and would require removal of the existing building and structures, site preparation, grading, laying of asphalt, installation of lighting, and traffic marker coating. Demolition and construction would occur over a period no longer than four months and would result in the emissions of GHGs due to the use of gasoline- and diesel-powered construction equipment. Existing oak trees lining Edison Street on the western edge of the parcels would remain intact and would offer carbon sequestration benefits. Construction emissions would be limited in duration and would be substantially lower than those assessed for the construction of the Cultural Center in the 2004 EA. In this assessment, it was noted that construction activities may temporarily degrade air quality but these impacts would not persist. Additionally, **Mitigation Measure 4.3.1** would further reduce construction-related emissions. Therefore, emissions associated with demolition and construction would have a less-than-significant cumulative impact on climate change.

Operational Emissions

Alternative A would result in the generation of CAPs and GHGs from mobile sources on the project parcels during operation due to the combustion of gasoline and other transportation fuels. Mobile source emissions from Alternative A are directly related to the adjacent Cultural Center and were considered in the 2004 EA. Construction and operational emissions were modeled and analyzed using URBEMIS7G version 5.1.0.

As discussed in **Section 3.3**, the project parcels are in the SBCAPCD, a region classified as in attainment/unclassified for all CAPs; therefore, under the federal CAA 40 CFR Part 93, the region meets the

NAAQS and there are no *de minimis levels* or "thresholds" for the project's emissions. As discussed in **Mitigation Measure 4.3.1**, mitigation measures would minimize CAP emissions from operation of Alternative A and therefore there would be no adverse cumulative impacts to the local or regional air quality or GHG emissions from the implementation of Alternative A.

ALTERNATIVE B

Alternative B would have similar construction or operational emissions and thus would have similae cumulative impacts regarding CAPs and GHG emissions.

3.13.4 BIOLOGICAL RESOURCES

With the implementation of the mitigation measures listed in **Section 4.4**, potential adverse cumulative impacts to biological resources would be less than significant. Biological resources include oak trees and migratory birds. Reasonably foreseeable project developments could result in alterations to biological resources. Cumulative impacts to native oak trees would be protected under the Tribal Oak Tree Ordinance. Migratory birds would be protected from take due to applicable provisions of the MBTA. Future off-site project developments would also be required to be compliant with local, State, and federal requirements. Therefore, adverse cumulative impacts to biological resources would be less than significant.

3.13.5 CULTURAL RESOURCES

With the implementation of mitigation measures listed in **Section 4.5**, potential adverse impacts to cultural or paleontological resources as a result of the implementation of Alternative A or B would be less than significant. Future off-site project developments would be required to comply with appropriate local, State, and federal cultural and paleontological requirements. As a result, adverse cumulative impacts to cultural and paleontological resources would be less than significant.

3.13.6 SOCIOECONOMIC CONDITIONS / ENVIRONMENTAL JUSTICE

Socioeconomic and environmental justice impacts of the Cultural Center and visitation were assessed as part of the 2004 EA. As noted in this assessment, the Cultural Center would contribute important socioeconomic benefits to the Tribe and the local community by creating more jobs, and would not trigger any other development that would place socioeconomic burdens on the County or nearby cities. Alternative A would provide parking for the Cultural Center, providing benefits to visitors and employees and reducing traffic and circulation impacts to residents living in the vicinity of the Cultural Center due to on-street parking. As a result of implementation of Alternative A, benefits to environmental justice may occur for nearby residents, Cultural Center employees, students, and visitors. Alternative B, the No Action Alternative, would not result in the beneficial socioeconomic condition and environmental justice impacts for the Tribe due to potential jurisdictional conflicts associated with retainment of local control. With the implementation of Alternative A, adverse cumulative impacts to socioeconomic conditions and environmental justice would be less than significant; and with the implementation of Alternative B, similar cumulative impacts to socioeconomic conditions and environmental justice would occur.

3.13.7 TRANSPORTATION AND CIRCULATION

CUMULATIVE TRAFFIC IMPACTS

Traffic and circulation impacts from visitation to the Cultural Center were assessed as part of the 2004 EA. This included "near-term" (2005 to 2006) conditions using information contained in traffic and environmental studies completed for other projects in the Santa Ynez Valley, and expected average daily trips and P.M. peak hour traffic volumes induced by the project along several roadways and intersections in the vicinity.

Alternative A

No new trip generation or impacts to transportation and circulation would occur as part of Alternative A. The expected trip generation analyzed in the original assessment was added to historical and existing conditions in the Santa Ynez Valley to determine cumulative impacts. Because the 2004 EA incorporated the intended activity of the project of Alternative A (transportation to/from the Cultural Center), no new cumulative impacts would occur. Further, Alternative A would provide designated parking for visitors to the Cultural Center, thereby reducing traffic and circulation impacts resulting from on-street parking in the vicinity of the Cultural Center. Additionally, Alternative A would not generate bicycle rider, pedestrian, or transit rider trips along SR-246, or other public roadways in the area. Therefore, no adverse cumulative impacts to transportation and circulation would occur due to the implementation of Alternative A.

Alternative B

The No Action Alternative, Alternative B, would have similar construction or operational impacts to transportation and circulation. No additional trips would be generated, and no significant adverse cumulative impact to transportation or circulation would occur.

3.13.8 LAND USE

LOCAL PLANNING AND LAND USE COMPATIBILITY

The project parcels would not occur within County jurisdiction regarding land use if the project parcels are taken into trust by the BIA for the benefit of the Tribe. Future off-site cumulative project developments would be required to be compliant with local, State, and federal cultural and paleontological requirements. There would be no adverse cumulative impacts to local planning and land use compatibility.

AGRICULTURE

Future off-site project developments on land that is currently zoned for agriculture would not contribute to the conversion of surrounding agricultural land. Existing agricultural operations in the area would not be converted. Therefore, adverse cumulative impacts to land use would be less than significant.

3.13.9 PUBLIC SERVICES

Public services and utilities would be accommodated by existing and planned municipal public services or would be provided by the Tribe's own facilities. The combined need for public services may create a cumulative impact as development of the Santa Ynez Valley continues. Future off-site project developments would be subject to review by local governments and include provisions for public services. Therefore, adverse cumulative impacts to public services would be less than significant.

3.13.10 NOISE

This section identifies the noise impacts that would result from the development of Alternative A under the cumulative year 2030. Impacts are measured against the environmental baseline presented in **Section 3.10**.

METHODOLOGY

The methodology for analyzing noise impacts in the cumulative year 2030 is the same as the methodology used to determine impacts in the near term.

ALTERNATIVE A CUMULATIVE OPERATION NOISE EFFECTS

The following identifies potential cumulative impacts from project-related noise sources, such as traffic.

Alternative A Traffic Noise

As noted in the 2004 EA, which considered operational noise from visitation to the Cultural Center, traffic noise would not be a significant impact to surrounding residences and retail facilities because the proposed facilities would operate and a majority of traffic would occur during normal business hours, seven days per week. The Cultural Center would generate traffic on nearby roads from the early morning until late afternoon; and some evening traffic may occur, but would be insignificant. Therefore, the addition of traffic attributable to Alternative A would not audibly increase the ambient noise level along potentially affected roadways, including SR-246. There would be no adverse effects to sensitive noise receptors form the increase in traffic noise levels resulting from Alternative A and no mitigation would be required.

Vibration and Other Noise Source

Operational vibration and other noise impacts under Alternative A in the cumulative year 2030 would be the same as those under near-term Alternative A; therefore, a less-than-significant adverse effect would occur to the noise environment.

ALTERNATIVE B CUMULATIVE OPERATION NOISE EFFECTS

Alternative B cumulative noise effect would be similar to Alternative A noise effects; therefore, Alternative B in the cumulative scenario would not result in adverse impacts to the ambient noise environment.

3.13.11 HAZARDOUS MATERIALS

The potential for impacts related to hazardous materials to occur during construction of Alternatives A and B would be similar to those of other cumulative projects in the Santa Ynez Valley. Other development projects would require the implementation of mitigation measures similar to those listed in **Section 4.11** pertaining to construction activities and the storage and use of hazardous materials during operation. The development would be required to adhere to State and municipal regulations regarding the delivery, handling, and storage of hazardous materials, thereby reducing the risk of accidental exposure to the public. Therefore, with the implementation of mitigation measures included in **Section 4.11**, less-than-significant adverse cumulative impacts would be associated with hazardous materials under Alternatives A and B.

3.13.12 VISUAL RESOURCES

Surrounding lands are subject to local land use regulations and ordinances regulating lighting and signage. Alternatives A and B would result in less-than-significant adverse impacts to visual resources. The approved and pending projects that would occur in the immediate area would not result in substantial impacts to visual resources or result in significant new sources of light or glare; therefore, implementation of Alternatives A and B would not lead to cumulatively considerable impacts to visual resources.

3.14 INDIRECT AND GROWTH-INDUCING EFFECTS

Under NEPA, indirect and growth-inducing effects of a proposed project must be analyzed [40 CFR § 1508.8(b)]. The CEQ regulations define indirect effects as effects that are caused by the action and are later in time or further removed in distance, but are still reasonably foreseeable. Growth-Inducing effects are defined as effects that foster economic or population growth, either directly or indirectly. This section focuses on the indirect and growth-inducing effects of Alternative A. Alternative B, the No-Action Alternative, would result in similar indirect or growth-inducing effects.

3.14.1 INDIRECT EFFECTS

Analyses of the adequacy of local resources, infrastructure, and services are included in the discussion of environmental consequences for each proposed alternative. Utility infrastructure would not be significantly improved or expanded to increase service availability to any areas surrounding the project parcels. No indirect off-site expansion of utilities would be required to implement Alternatives A or B. Other indirect effects are analyzed in previous sections by issue area.

3.14.2 GROWTH-INDUCING EFFECTS

Growth inducement may constitute an adverse impact if the increased growth is not consistent with or accommodated by the land use and growth management plans and policies for the area affected. Local land use plans provide for development patterns and growth policies that allow for orderly development supported by adequate public services and utilities such as water supply, roadway infrastructure, sewer services, and solid waste disposal services. A project that would induce “disorderly” growth (i.e., would conflict with local land use plans) could indirectly cause adverse environmental or public service impacts.

Alternatives A and B would involve the demolition of an existing abandoned gas station and the development of a parking lot to accompany the Cultural Center located adjacent to the Volks Property. No full-time, permanent employment opportunities would be created by the development of the proposed parking lot. Therefore, it is anticipated that the net local population growth directly resulting from the parking lot development would have no impact.

Less-Than-Significant, unmitigated impacts have been identified that would result from the implementation of Alternatives A and B. No indirect growth impacts are anticipated to occur from the development of the parking lot, as no long-term or permanent employment opportunities would be created. Utility infrastructure would not be significantly expanded to increase service availability to surrounding areas. Growth-Inducing impacts would be less than significant for all of the proposed alternatives.

SECTION 4.0

MITIGATION MEASURES

The following mitigation measures shall be incorporated into the project design, construction, and operation as applicable to reduce potentially adverse impacts of Alternatives A and B. All mitigation that is necessary to reduce adverse impacts to a minimal level would be binding on the Tribe because the mitigation is intrinsic to the project, required by federal law, required by agreements between the Tribe and local agencies, and/or is subject to a tribal resolution.

4.1 LAND RESOURCES

Impacts to land resources would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.2 WATER RESOURCES

Impacts to water resources would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.3 AIR QUALITY

MITIGATION MEASURE 4.3.1

The following shall be required during construction of Alternatives A and B:

- Through contractual obligations, the Tribe shall ensure construction vehicles, delivery, and commercial vehicles do not idle for more than five minutes.
- Through contractual obligations, the Tribe shall ensure heavy-duty construction equipment is equipped with DPM filters, which would reduce particulate matter from exhaust by 50 percent.
- Through contractual obligations, the Tribe shall ensure that exposed surfaces and unpaved roads are watered twice a day, which would reduce fugitive dust emissions by 55 percent.
- Through contractual obligations, the Tribe shall ensure that paved roads are swept daily, which would reduce fugitive dust emissions.
- Through contractual obligations, the Tribe shall ensure that construction equipment on unpaved roads would not exceed 15 miles per hour, which would reduce fugitive dust emissions by 44 percent.
- Through contractual obligations, the Tribe shall ensure that haul trucks are covered, which would reduce fugitive dust emissions.
- Traffic marker coatings shall be low reactive organic gas (ROG) coatings (100 grams per liter or less), which would reduce ROG emissions by 10 percent.
- Through contractual obligations, the Tribe shall, to the extent possible and feasible, require the use of heavy-duty construction equipment that meets the California Air Resource Board's most recent certification standards.

4.4 BIOLOGICAL RESOURCES

The following shall be required during construction of Alternatives A and B.

MITIGATION MEASURE 4.4.1

TREE RESOURCES

To avoid potential indirect impacts (e.g., root damage, soil compaction) to trees intended to be preserved, the following measures are recommended: 1) a 4-foot tall, brightly colored (usually orange or yellow), temporary fence shall be installed as far as feasible outside the driplines of trees occurring within the vicinity of construction areas. No encroachment into the fenced areas shall be permitted and fencing shall remain in place until all construction activities have ceased, and 2) any tree roots to be severed shall be the maximum distance from the trunk. Any roots over 1 inch in diameter that are damaged as a result of construction activities shall be traced back and cleanly cut behind any split, cracked, or damaged area.

MITIGATION MEASURE 4.4.2

NESTING MIGRATORY BIRDS AND OTHER BIRDS OF PREY

If any construction activities (e.g., building, grading, ground disturbance, removal of vegetation) are scheduled to occur during the nesting season, pre-construction bird surveys shall be conducted. The nesting season generally extends from February 1 to September 15. Pre-Construction surveys for any nesting bird species shall be conducted by a qualified wildlife biologist throughout all areas of suitable habitat that are within 500 feet of any proposed construction activity. The surveys shall occur no more than 14 days prior to the scheduled onset of construction activities. If construction is delayed or halted for more than 14 consecutive days, another pre-construction survey for nesting bird species shall be conducted. If no nesting birds are detected during the pre-construction surveys, no additional surveys or mitigation measures are required.

Any trees proposed for removal shall be removed outside of the nesting season. The nesting season generally extends from February 1 to September 15.

If nesting bird species are observed within 500 feet of construction areas during the surveys, appropriate avoidance setbacks shall be established. If active nests are identified in these areas, the California Department of Fish and Game shall be consulted to develop measures to avoid "take" of active nests prior to the initiation of any construction activities. The size and scale of nesting bird avoidance setbacks shall be determined by a qualified wildlife biologist and shall be dependent upon the species observed and the location of the nest. Avoidance setbacks shall be established around all active nest locations via stakes and high visibility fencing. The nesting bird setbacks shall be completely avoided during construction activities and the fencing must remain intact. The qualified wildlife biologist shall also determine an appropriate monitoring plan and decide if construction monitoring is necessary during construction activities. The setback fencing may be removed when the qualified wildlife biologist confirms that the nest is no longer occupied and all birds have fledged.

If impacts (e.g., take) to migratory nesting bird species are unavoidable, consultation with the USFWS shall be initiated. Through consultation, an appropriate and acceptable course of action shall be established.

MITIGATION MEASURE 4.4.3

ROOSTING BATS

Due to the presence of a structure on the property representing potential bat roosting habitat, a pre-construction roosting bat survey should be conducted no more than one week prior to demolition. If bats are observed within the structure, initial construction activities will involve exposing the areas observed to contain bats to encourage them to relocate on their own. The interior of the structure shall be exposed but not completely demolished and left open for a period of 24 hours to encourage any bats present in the building to leave. Once the 24-hour period has passed or if no bats or evidence of bat habitation is observed, the building can be demolished with no additional constraints.

4.5 CULTURAL RESOURCES

MITIGATION MEASURE 4.5.1

The following shall be required during construction of Alternatives A and B.

UNANTICIPATED DISCOVERIES

In the event of inadvertent discovery of prehistoric or historic archaeological resources during demolition and construction-related earth-moving activities, all such finds shall be subject to Section 106 of the NHPA as amended (36 CFR 800), and the Tribe and BIA shall be notified. Specifically, procedures for post-review discoveries without prior planning pursuant to 36 CFR 800.13 shall be followed. All work within 50 feet of the find shall be halted until a professional archaeologist meeting the Secretary of the Interior's qualifications (36 CFR 61) can assess the significance of the find, in consultation with the Tribe and the BIA.

If the find is determined to be significant by the archaeologist, then representatives of the BIA and the Tribe shall meet with the archaeologist to determine the appropriate course of action, including the development and implementation of a treatment plan, if necessary. All significant cultural materials recovered shall be subject to scientific analysis, professional curation, and a report prepared by the archaeologist according to current professional standards.

In the event of inadvertent discovery of paleontological resources during construction-related earth-moving activities, all such finds shall be subject to Section 101 (b)(4) of NEPA (40 CFR 1500 1508), and the BIA shall be notified. All work within 50 feet of the find shall be halted until a professional paleontologist can assess the significance of the find. If the find is determined to be significant by the paleontologist, then representatives of the BIA shall meet with the paleontologist to determine the appropriate course of action, including the development of an evaluation report and/or mitigation plan, if necessary. All significant paleontological materials recovered shall be subject to scientific analysis, professional curation, and a report prepared by the professional paleontologist according to current professional standards.

HUMAN REMAINS

If human remains are encountered, work shall halt within 100 feet of the find and the Tribe, BIA, and County Coroner shall be contacted immediately. The County Coroner shall determine whether the remains are the result of criminal activity. If the remains are Native American, the provisions of NAGPRA shall apply to the

treatment and disposition of the remains. Construction shall not resume in the vicinity until final disposition of the remains has been determined.

Once in federal trust, and in the event of any inadvertent discovery, all such finds shall be subject to the implementing regulations under Section 106 of the NHPA as amended (36 CFR 800) and under the protection of the ARPA (16 USC 470 aa-mm) and its implementing regulations on Indian Trust Lands (25 CFR 262).

MITIGATION MEASURE 4.5.2

If any paleontological resources (fossils) are discovered during grading or construction activities on the Volks Property, work shall be halted immediately within 50 feet of the discovery, and the County Planning Department shall be notified immediately. At that time, the County shall coordinate any necessary investigation of the discovery with a qualified paleontologist. The County shall consider the mitigation recommendations of the qualified paleontologist for any unanticipated discoveries of paleontological resources. The County and Tribe shall consult and agree upon implementation of a measure or measures that the Tribe deems feasible and appropriate. Such measures may include avoidance, preservation in place, excavation, documentation, curation, data recovery, or other appropriate measures. The Tribe shall be required to implement any mitigation necessary for the protection of paleontological resources.

4.6 SOCIOECONOMIC CONDITIONS/ ENVIRONMENTAL JUSTICE

Impacts to socioeconomic conditions and regional environmental justice would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.7 TRANSPORTATION AND CIRCULATION

Impacts to transportation and circulation would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.8 LAND USE

Impacts to land use would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.9 PUBLIC SERVICES

Impacts to land use would be less than significant for Alternatives A and B, and no mitigation would be necessary.

4.10 NOISE

Impacts relating to noise generation during construction and operation would be less than significant for Alternatives A and B and no mitigation would be necessary.

4.11 HAZARDOUS MATERIALS

MITIGATION MEASURE 4.11.1

The following measures shall be implemented to reduce impacts from hazardous materials during construction of Alternatives A and B, where applicable:

- Potentially hazardous materials, including fuels, shall be stored away from drainages and secondary containment shall be provided for all hazardous materials during construction.
- Vehicles and equipment used during construction shall be provided proper and timely maintenance to reduce the potential for mechanical breakdowns leading to spills.
- Maintenance and fueling shall be conducted in an area that meets the criteria set forth in the spill prevention plan.
- If contaminated soil and/or groundwater is encountered or if suspected contamination is encountered during project construction, work shall be halted in the area, and the type and extent of the contamination shall be identified. A qualified professional, in consultation with the BIA and EPA shall then develop an appropriate method to remediate the contamination. If necessary, a remediation plan approved by EPA shall be prepared and implemented for the duration of the project.

4.12 VISUAL RESOURCES

MITIGATION MEASURE 4.12.1

Implementation of the mitigation measures described below as part of Alternatives A and B would minimize potential impacts related to visual resources:

- External lighting shall consist of metal halide downcast lamps.
- All external lighting shall be directed downwards or away from potentially effected residences.
- Lighting shall be minimized to that which is adequate for public safety and security.

SECTION 5.0

CONSULTATION, COORDINATION, AND LIST OF PREPARERS

5.1 FEDERAL AGENCIES

BIA (Lead Federal Agency): Chad Broussard, Dan Hall, and Jay Hinshaw

USDA NRCS

5.2 PREPARERS OF ENVIRONMENTAL ASSESSMENT

Analytical Environmental Services

Project Director: Trenton Wilson

Project Manager: Bryn Kirk

Technical Staff: Jenny Bankie
Kelly Phang
Charlane Gross, RPA
Joshua Goodwin
Glenn Mayfield
Dana Hirschberg

APPENDICES

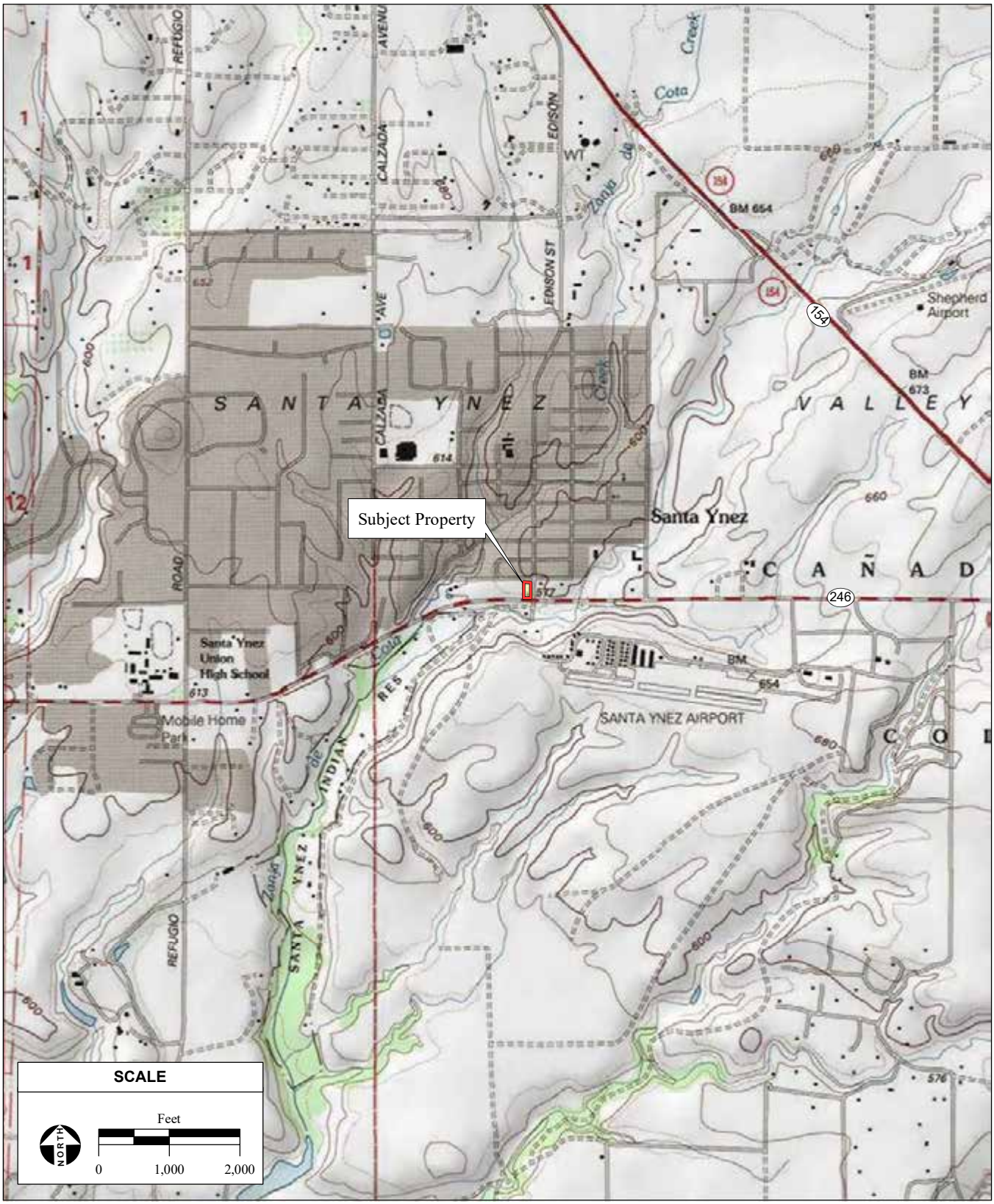
APPENDIX A

Project Figures



SOURCE: National Geographic, 2015; ESRI, 2020; AES, 8/10/2020

Figure 1-1
Regional Location



SOURCE: "Santa Ynez, CA" USGS 7.5 Minute Topographic Quadrangle, T6-7N R29W, Unsectioned Area of Santa Ynez, San Bernardino Baseline & Meridian; ESRI, 2020; AES, 8/10/2020

Figure 1-2
Site and Vicinity



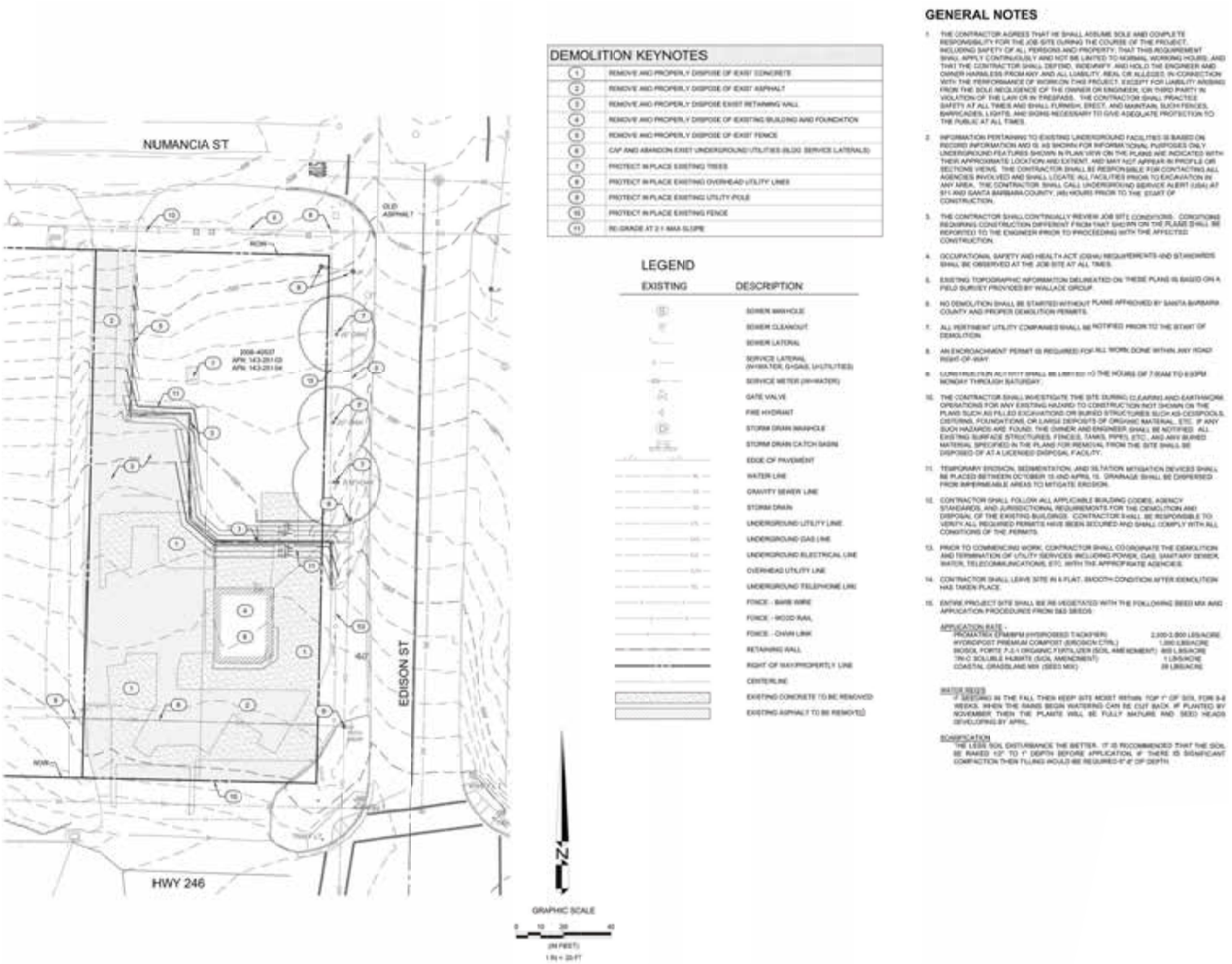
SOURCE: Santa Barbara County GIS Data, 2019; Maxar aerial photograph, 8/31/2018; ESRI, 2020; AES, 8/10/2020

Figure 1-3
Aerial Photograph



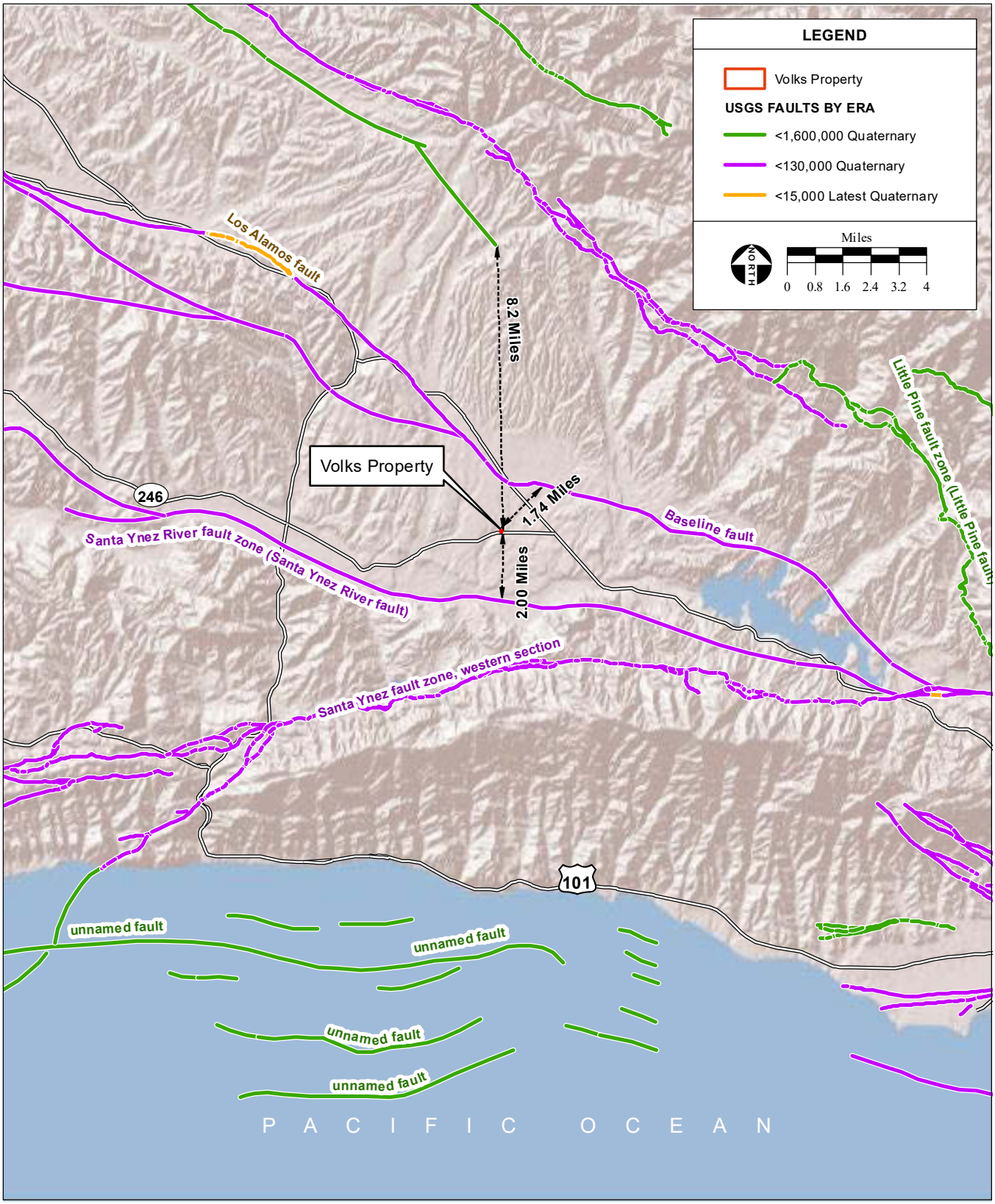
SOURCE: Santa Barbara County GIS Data, 2019; USDA NAIP aerial photograph, 2020; ESRI, 2021; AES, 4/22/2021

Figure 1-4
Proposed Project



SOURCE: Jones and Jones, 5/1/2019; AES, 4/22/2021

Figure 1-5
Volks Demolition Plan



SOURCE: USGS Earthquake Hazards Program, 7/26/2010;
California Geological Survey, 2005; AES, 9/2/2020

Figure 3.1-1
Fault/Seismicity

APPENDIX B

Tax Exemption Documentation

Submission of Exemption Request

CALIFORNIA FORM **3500A**

Exemption Based on Internal Revenue Code (IRC) Section 501(c)(3), 501(c)(4), 501(c)(5), 501(c)(6), or 501(c)(7), Federal Determination Letter

Enclose a copy of the Federal Determination Letter.

California Corporation number/ California Secretary of State file number	FEIN
3433792	455629799

Name of organization as shown in the creating document
CHUMASH MUSEUM AND CULTURAL EDUCATION FOUNDATION

Address (suite, room, or PMB no.)	Daytime telephone number
P.O. BOX 517	(805) 688-7997

City	State	ZIP Code
SANTA YNEZ	CA	93460

Name of representative to contact regarding additional requirements or information	Daytime telephone number
SAM COHEN	(805) 245-9083

Representative's mailing address (suite, room, or PMB no.)
P.O. BOX 517

City	State	ZIP Code
SANTA YNEZ	CA	93460

Part I — Entity Information

1 Entity type (check applicable box): ☑ Corporation ☐ Association ☐ Trust ☐ Foreign corporation (State of incorporation) _____

2 Does the IRS consider the organization a private foundation? ..... 2 ☐ Yes ☒ No

3 When did the organization establish, incorporate, organize, or conduct business in California? ..... 3 1 / 10 / 12 (mm dd yyyy)

4 Provide gross receipts for the current year and the three immediately preceding taxable years in existence. Gross receipts are defined as the total amounts the organization received from all sources during its annual account period without subtracting any costs or expenses. If the organization has been in existence for less than one year, provide the projected amount of gross receipts for the entire year. List the account period beginning to the account period ending. Example: mm/dd/yyyy

Current Year or Projected Gross Receipts	Gross Receipts for the three immediately preceding taxable years:		
From: 01-01-2014	From: 01-01-2013	From: 01-01-2012	From: NOT
To: 12-31-2014	To: 12-31-2013	To: 12-31-2012	To: AVAILABLE
10,000	0	0	

5 Has the IRS ever suspended, revoked, or audited the organization? ..... 6 ☐ Yes ☑ No

If "Yes," explain _____

Part II — Group Exemption. See instructions.

6 Is the organization applying for a group exemption? ..... 7 ☐ Yes ☑ No

If "Yes," attach the federal group determination letter and a list of all California subordinates. Include each subordinate's name, corporation number, FEIN, and address.

Mail form FTB 3500A and a copy of the federal determination letter to:
EXEMPT ORGANIZATIONS UNIT, MS F120, FRANCHISE TAX BOARD, PO BOX 1286, RANCHO CORDOVA CA 95741-1286.

Under penalties of perjury, I declare I have examined this submission for exemption based on the IRC Section 501(c)(3), 501(c)(4), 501(c)(5), 501(c)(6), or 501(c)(7), federal determination letter, and to the best of my knowledge and belief, it is true, correct, and complete.

07-08-14	X	Tribal Chairman
DATE	SIGNATURE OF OFFICER OR REPRESENTATIVE	TITLE

Part III — Purpose and Activity

1 Exemption based on IRC 501(c)(3) Federal Determination Letter

Check the organization's primary purpose and activity:

☑ Charitable	☑ Educational	☐ Literary	☐ Prevent cruelty to animals	☐ Prevent cruelty to children
☐ Testing for public safety	☐ Religious	☐ Scientific	☐ Church	☐ School
☐ Hospital	☐ Health care center		☐ Qualified sports organization	

2 Exemption based on IRC 501(c)(4) Federal Determination Letter

Check the organization's primary purpose and activity:

☐ Civic league	☐ Local association of employees	☐ Social welfare	☐ Service clubs	☐ Veterans
☐ Legislative activities	☐ Festival organizations	☐ Municipal building corporation	☐ Police, sheriff, volunteer firemen association	☐ Quasi governmental

3 Exemption based on IRC 501(c)(5) Federal Determination Letter

Check the organization's primary purpose and activity:

☐ Agriculture	☐ Horticulture	☐ Labor	☐ Agriculture or horticulture county fair	☐ Public employees union
☐ AFL-CIO	☐ Independent	☐ Transportation workers	☐ Teamsters	

4 Exemption based on IRC 501(c)(6) Federal Determination Letter

Check the organization's primary purpose and activity:

☐ Board of trade	☐ Business league	☐ Chamber of commerce	☐ Real estate board	☐ Professional association or society

5 Exemption based on IRC 501(c)(7) Federal Determination Letter

Check the organization's primary purpose and activity:

☐ Social and recreational	☐ Golf club	☐ Camps	☐ Fraternity or sorority	☐ Dog or horse club
☐ Car, motorcycle, trailer club	☐ Hunting or fishing club	☐ Common recreational area	☐ Flying or airplane club	

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 26 2014

Employer Identification Number:
45-5629799
DLN:
17053310307032
Contact Person:
ANDREA SPECK ID# 9504-4
Contact Telephone Number:
(877) 829-5500

CHUMASH MUSEUM AND CULTURAL
EDUCATION FOUNDATION
C/O SANTA YNEZ BAND OF CHUMASH INDIAN
PO BOX 517
SANTA YNEZ, CA 93460

Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
January 10, 2012
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947

CHUMASH MUSEUM AND CULTURAL

Sincerely,

Tamera Ripperda
Director, Exempt Organizations

Enclosure: Publication 4221-PC

Letter 947

State of California
Franchise Tax Board
PO BOX 1286
Rancho Cordova CA 95741-1286

CHUMASH MUSEUM AND CULTURAL EDUCATION FOUNDATION
ATTN: SAM COHEN
PO BOX 517
SANTA YNEZ CA 93460

Date: 01.07.15
Case: 26610553356582963
Case Unit: 26610553356582970
In reply refer to: 760:MQD:F120

Regarding:	**Tax-Exempt Status**
Organization's Name:	Chumash Museum And Cultural Education Foundation
CCN:	3433792
Purpose:	Charitable/Educational
R&TC Section:	23701d
Form of Organization:	Affirmation Incorporated
Accounting Period Ending:	12/31
Tax-Exempt Status Effective:	01/10/2012

Exempt Acknowledgement Letter

We have received your federal determination letter that shows tax exemption under Internal Revenue Code (IRC) Section 501(c)(3).

Under California law, Revenue and Taxation Code (R&TC) Section 23701 provides that an organization is exempt from taxes imposed under Part 11 upon submission of the federal determination letter approving the organization's tax-exempt status.

Generally, the effective date of an organization's California tax-exempt status is the same date as the federal tax-exempt status.

To retain tax-exempt status, the organization must be organized and operating for nonprofit purposes within the provisions of the above R&TC section. An inactive organization is not entitled to tax-exempt status.

In order for us to determine any effect on the tax-exempt status, the organization must immediately report to us any change in:

- Operation
- Character
- Purpose
- Name
- Address

For filing requirements, refer to FTB Pub.1068, *Exempt Organizations - Filing Requirements and Filing Fees*. Go to **ftb.ca.gov** and search for **1068.**

This exemption is for state franchise or income tax purposes only. For information regarding sales tax exemption, contact the State Board of Equalization at 800.400.7115 or go to their website at **boe.ca.gov.**

Marcos Q. Diez Jr
Telephone: 916.845.4171
Fax: 916.843.2525

COPY of Document Recorded
26-Sep-2017 2017-0046250
Has not been compared with
original
SANTA BARBARA COUNTY RECORDER

RECORDING REQUESTED BY:
First American Title Company

MAIL TAX STATEMENT
AND WHEN RECORDED MAIL DOCUMENT TO:
CMCEF

PO Box 517
Santa Ynez, CA 93460

Space Above This Line for Recorder's Use Only

A.P.N.: 143-251-003 and 143-251-04

File No.: 4205-3039388 (LR)

GRANT DEED

The Undersigned Grantor(s) Declare(s): DOCUMENTARY TRANSFER TAX $N/A; CITY TRANSFER TAX $N/A;
SURVEY MONUMENT FEE $N/A

[X] computed on the consideration or full value of property conveyed, OR

[ ] computed on the consideration or full value less value of liens and/or encumbrances remaining at time of sale,

[X] unincorporated area; [ ] City of , and

[X] Exempt from transfer tax; Reason: R&T Code 11911 change manner in which title is held; grantor/grantee hold the same percentages of interest

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
CHUMASH CALIFORNIA GAS STATION NO. 2, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

hereby GRANT(s) to CHUMASH MUSEUM AND CULTURAL EDUCATION FOUNDATION (A California Nonprofit Public Benefit Corporation)

the following described property in the unincorporated area of the County of Santa Barbara, State of California:

PARCEL ONE: (PORTION APN: 143-251-003)

BEING THE WESTERLY 10.00 FEET OF LOT 8, BLOCK 15, IN THE TOWN OF SANTA YNEZ ACCORDING TO THE MAP THEREOF FILED IN BOOK 1 OF MAPS AND SURVEYS, PAGE 41, IN THE OFFICE OF THE COUNTY RECORDER, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, TOGETHER WITH THE WESTERLY 10.00 FEET OF THAT PORTION OF THE NORTHERLY ONE-HALF OF THE ALLEY LYING CONTIGUOUS WITH AND ADJACENT TO THE SOUTHERLY LINE OF SAID LOT 8, SAID ALLEY BEING ABANDONED BY ORDER OF THE SANTA BARBARA COUNTY BOARD OF SUPERVISORS RECORDED MAY 12, 1955 IN BOOK 1314, PAGE 337, OFFICIAL RECORDS OF SAID COUNTY AND STATE.

THIS LEGAL DESCRIPTION IS MADE PURSUANT TO THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED JULY 29, 2011 AS INSTRUMENT NO. 2011-0043200 OF OFFICIAL RECORDS.

PARCEL TWO: (PORTION APN: 143-251-003)

Mail Tax Statements To: SAME AS ABOVE

BEING ALL OF LOT 8, BLOCK 15, OF THE TOWN OF SANTA YNEZ ACCORDING TO THE MAP THEREOF FILED IN BOOK 1 OF MAPS AND SURVEYS, PAGE 41, IN THE OFFICE OF THE COUNTY RECORDER, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, TOGETHER WITH THAT PORTION OF THE NORTHERLY ONE-HALF OF THE ALLEY LYING CONTIGUOUS WITH AND ADJACENT TO THE SOUTHERLY LINE OF SAID LOT 8, SAID ALLEY BEING ABANDONED BY ORDER OF THE SANTA BARBARA COUNTY BOARD OF SUPERVISORS RECORDED MAY 12, 1955 IN BOOK 1314, PAGE 337, OFFICIAL RECORDS OF SAID COUNTY AND STATE, EXCEPTING THEREFROM THE NORTHERLY 66.00 FEET OF THE EASTERLY 40.00 FEET OF SAID LOT 8, ALSO EXCEPTING THEREFROM THE WESTERLY 10.00 FEET OF SAID LOT 8 TOGETHER WITH THE WESTERLY 10.00 FEET OF THE NORTHERLY ONE-HALF OF SAID ALLEY LYING CONTIGUOUS WITH AND ADJACENT TO THE SOUTHERLY LINE OF SAID LOT 8 AS PER SAID ABANDONMENT.

THIS LEGAL DESCRIPTION IS MADE PURSUANT TO THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED JULY 29, 2011 AS INSTRUMENT NO. 2011-0043201 OF OFFICIAL RECORDS.

PARCEL THREE: (PORTION APN: 143-251-004)

BEING LOT 9, BLOCK 15, OF THE TOWN OF SANTA YNEZ ACCORDING TO THE MAP THEREOF FILED IN BOOK 1 OF MAPS AND SURVEYS, PAGE 41, IN THE OFFICE OF THE COUNTY RECORDER, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, TOGETHER WITH THAT PORTION OF THE NORTHERLY ONE-HALF OF THE ALLEY LYING CONTIGUOUS WITH AND ADJACENT TO THE SOUTHERLY LINE OF SAID LOT 9, SAID ALLEY BEING ABANDONED BY ORDER OF THE SANTA BARBARA COUNTY BOARD OF SUPERVISORS RECORDED MAY 12, 1955 IN BOOK 1314, PAGE 337, OFFICIAL RECORDS OF SAID COUNTY AND STATE.

THIS LEGAL DESCRIPTION IS MADE PURSUANT TO THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED JULY 29, 2011 AS INSTRUMENT NO. 2011-0043202 OF OFFICIAL RECORDS.

PARCEL FOUR: (PORTION APN: 143-251-004)

BEING THE NORTHERLY 66.00 FEET OF THE EASTERLY 40.00 FEET OF LOT 8, BLOCK 15, OF THE TOWN OF SANTA YNEZ ACCORDING TO THE MAP THEROF FILED IN BOOK 1 OF MAPS AND SURVEYS, PAGE 41, IN THE OFFICE OF THE COUNTY RECORDER, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA.

THIS LEGAL DESCRIPTION IS MADE PURSUANT TO THAT CERTAIN CERTIFICATE OF COMPLIANCE RECORDED JULY 29, 2011 AS INSTRUMENT NO. 20110-0043199 OF OFFICIAL RECORDS.

Date: **09/06/2017**

A.P.N.: 143-251-003 and 143-251-04 File No.: 4205-3039388 (LR)

Dated: September 06, 2017

CHUMASH CALIFORNIA GAS STATION NO. 2, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

Kenneth Kahn, Chairman/Managing Member

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)SS
COUNTY OF SANTA BARBARA)

On SEPTEMBER 20, 2017, before me, CLARE E LOPEZ, Notary Public, personally appeared KENNETH PAUL KAHN, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Clare E Lopez

CLARE E. LOPEZ
Notary Public - California
Santa Barbara County
Commission # 2198770
My Comm. Expires May 25, 2021

This area for official notarial seal

SANTA YNEZ BAND OF CHUMASH INDIANS

P.O. BOX 517 · SANTA YNEZ · CA · 93460

Tel: 805.688.7997 · Fax: 805.686.9578

www.santaynezchumash.org

BUSINESS COMMITTEE

KENNETH KAHN, CHAIRMAN
RAUL ARMENTA, VICE-CHAIRMAN
MAXINE LITTLEJOHN, SECRETARY-TREASURER
MIKE LOPEZ, COMMITTEE MEMBER
GARY PACE, COMMITTEE MEMBER

July 13, 2018 & January 7, 2019

Mr. Joseph Holland
County Clerk, recorder and Assessor
P.O. Box 159
Santa Barbara, CA 93102-0159
Fax: (805) 568-3247
Attention: Norma Asio, nasio@co.santa-barbara.ca.us

RE: Welfare Exemption
Chumash Museum and Cultural Education Foundation (CMCEF)
3540 Numancia Street
Santa Ynez, CA 93460
APN 143-251-003/4

Dear Mr. Holland and Ms. Asio:

Now that CMCEF has received its organizational clearance from the Board of Equalization (BOE), we provide the following response to your denial of the welfare benefit exemption dated 11-15-2017:

BACKGROUND

The Santa Ynez Band of Chumash Indians ("Tribe' or "Chumash"), a federally recognized Tribe in Santa Barbara County, California, has caused to be filed Articles of Incorporation for the Chumash Museum and Cultural Education Foundation (CMCEF), which received its approval by the Internal Revenue Service pursuant to I.R.C. Section 501(c)(3) on December 3, 2015 (as reinstated).

The dream of the Tribe to create its own Chumash Museum is becoming a reality. Throughout 2016 and 2017 the Tribe engaged in extensive planning and design work for the Chumash Museum. Site preparation began in 2017 and a field office was established on the southeast corner of the property in an old convenience store. This field office is being expanded to include construction trailers for subcontractors and storage for their materials.

While much of the project site was annexed to the Tribe's Indian Reservation in 2014, the construction field office remained in the property tax rolls and was conveyed to the non-profit CMCEF. Therefore, CMCEF makes this application for welfare property tax exemption as part of the Chumash Museum.

FINDINGS AS INCOMPLETE

The Santa Barbara County Assessor letter dated 11-15-2017 makes two findings:

1. BOE welfare benefit clearance for CMCEF was received on June 25, 2017; and

2. Not used exclusively for charitable purposes as the museum has not yet been constructed, you are currently ineligible for the certificate to which we respond below.

RESPONSES

ANNEXATION BY FEE-TO-TRUST

The Tribe desires to build a museum on Tribal land located just north of the existing Santa Ynez Indian Reservation. The process to annex land to the Reservation is by deeding land to the United States of America and for the federal government to hold this land in trust on behalf of the Tribe. This is often referred to as "fee-to-trust" or "FTT".

The fee-to-trust application was filed in 2000 and approved by a Notice of Decision ("NOD") of the Bureau of Indian Affairs in 2005. Such NOD was immediately appealed by Tribal opponents and such administrative appeal was not decided in favor of the Tribe until nine (9) years later on 2014. The decision of the Interior Board of Indian Appeals (IBIA) can be found online at https://www.oha.doi.gov/IBIA/Ibiadecisions/58ibia/58ibia278.pdf

As of result of the decision of the IBIA affirming the fee-to-trust decision, the real property for the museum was deeded to the United States of America on June 17, 2014, and recorded with the Santa Barbara County Recorder as instrument 2014-0031161 on July 11, 2014.

PURCHASE OF THE FINAL PARCEL: APN 143-251-003/4

In 2008 during the appeals to the FTT annexation for the Chumash Museum, the Tribe was able to purchase the final parcel to allow the museum access to the Edison Street and Highway 246 intersection for $3,100,000.

CHUMASH MUSEUM AND CULTURAL EDUCATION FOUNDATION (CMCEF)

CMCEF was incorporated on January 10, 2012 and a Form 1023 Application for federal 501(c)(3) status was filed at the end of October 2012 and the IRS acknowledged receipt of the application on Nov. 19, 2012.

Approval of 501(c)(3) status occurred over two (2) years later on March 26, 2014.

FTB Charitable/Education approval was received January 7, 2015.

Due to the long delays in processing the 501(c)(3) application there had not been any Form 990 filings which resulted in automatic revocation of such tax exempt status on August 24, 2015.

After refiling, such 501(c)(3) status was retroactively reinstated on December 3, 2015.

CHUMASH MUSEUM DESIGN

After the taking of the Chumash Museum land into federal trust in 2014, the Tribe engaged the museum architectural firm of Jones & Jones to begin Chumash Museum design. www.jonesandjones.com

Johnpaul Jones designed the Smithsonian Museum of the American Indian in Washington DC. https://en.wikipedia.org/wiki/National_Museum_of_the_American_Indian

Currently the process has completed schematic design and construction drawings. An artist's conceptual drawing of the final museum is attached as Exhibits 3, 5 & 6 and final 100% construction drawings are attached as Exhibit 11.

To date, the Tribe has expended over $3 million on pre-development activities and construction expenses. See Exhibit 14 as to monthly and yearly expenditures.

FUNDING THE CHUMASH MUSEUM

The Tribe was federally recognized in 1901 and elected to be governed by the federal Indian Reorganization Act (IRA) of 1934. The constitution of the Tribe is called the Articles of Organization and was adopted in 1964 with the latest amendment in 1980.

The Articles provide that all monetary decisions of the Tribe over $3000 must be voted on by the general membership of all tribal members over 18 years old called the "General Council." The General Council voted to approve $20,000,000 towards the construction of the Chumash Museum in 2005.

The recently completed schematic design shows the cost to complete the museum in 2017 might be as high as $32,100,000 after over ten (10) years of construction price inflation. Therefore, an updated approval ballot for $32,100,000 was sent out to the General Council on Friday, March 25, 2017 and was approved the following month.

MUSEUM PROGRAMS AND EXHIBITS

Prior to the completion of the Chumash Museum, the Tribe has engaged a full time Director of Museum Programs, Ms. Kathy Conti, who formerly worked with the Santa Barbara Museum of Natural History.

Additional detail on the type of collections, exhibitions and educational programs that would be presented at the museum/center are attached in Exhibit 1.

Estimated museum access (public hours and schedule) and fees are as follows: Open 9:00 am to 5:00 p.m. Tuesday-Friday; 10:00 am to 3:00 p.m. weekends (as Santa Ynez is a weekend tourist town). Admission fees are estimated at $5.00 per person, with fees waived for local schools and persons of Native American ancestry.

CONSTRUCTION OF THE MUSEUM QUALIFIES FOR THE WELFARE EXEMPTION

ASSESSORS' HANDBOOK SECTION 267 WELFARE, CHURCH, AND RELIGIOUS EXEMPTIONS (OCT. 2004 & REPRINTED JAN. 2015), page 42

MUSEUMS AND PUBLIC LIBRARIES
Property used for free public libraries and free museums is exempt by the Constitution.144 Libraries and museums that charge admission may qualify for the welfare exemption, if their properties are owned and operated by organizations meeting all the requirements of section 214. Property owned by museums and public libraries are not precluded from receiving the welfare exemption even though free public libraries and free museums are specifically exempt in section 202(a)(2).145 A library or museum under construction and not yet open to the public is not exempt under section 202, but may qualify for the welfare exemption.146 (*J. Paul Getty Museum, supra* at page 605.)

Paul Getty Museum v. County of Los Angeles 148 Cal. App. 3d 602 (Second Appellate District, Oct. 31, 1983)

In this appeal the County contends, in essence, ... that during the temporary period [during construction] when the Main Museum Building did not qualify for the free museum exemption, the Getty Museum could not avoid taxation by resorting to the welfare exemption. The County further argues that to allow the welfare exemption under these circumstances, would unduly expand the definition of "charitable purposes." As indicated above, we are unpersuaded by the County's analysis of the relevant constitutional and statutory provisions. **148 Cal. App. 3d at 603.**

The Legislature, however, has extended the welfare exemption to facilities under construction. (§ 214.1.) fn. 8 Thus, the Getty Museum, a nonprofit entity, could claim the exemption to exempt the Main Museum Building from taxation during the time it was under construction if it intended to use the building exclusively for charitable purposes. **148 Cal. App. 3d at 605.**

Rev. and Tax Code Section 214.1 states: "As used in Section 214, 'property used exclusively for religious, hospital or charitable purposes' shall include facilities in the course of construction on or after the first Monday of March, 1954, together with the land on which the facilities are located as may be required for their convenient use and occupation, to be used exclusively for religious, hospital or charitable purposes."

CMCEF received title to APN 143-251-003/4 for exclusive use for the Museum by deed dated September 6, 2017 as recorded with the Santa Barbara County Recorder as instrument number 2017-00462503540 on Sept. 26, 2017. Exhibit 10.

APN 143-251-003/4 was being used as the Museum Construction Office since 2017 but was officially permitted as the Museum Construction Office on March 6, 2018 as Land Use Permit 18LUP-00000-00073 (03-06-18). Exhibit 12.

The upper lot of APN 143-251-003/4 was officially permitted for construction trailers for the Museum on March 13, 2018 as Land Use Permit 18LUP-00000-00086 (03-13-18). Exhibit 13.

ANNUAL EXPENSES FROM 2014 TO PRESENT OF OVER $3 MILLION

All staff are currently employed directly by the Tribe until the Chumash Museum is completed or is close to completion. The Tribe is also directly paying all predevelopment expenses such as for Jones & Jones architectural design. Annual expenses to date for 2014, 2015, 2016, 2017 and 2018 total over $3 million and are attached as Exhibit 14.

CONSTRUCTION TIME LINE FOR CHUMASH MUSEUM

We provide you with the following summary of the construction to date of the Chumash Museum, including Assessor Parcel Numbers 143-251-003/4:

TIME LINE AND EXHIBITS (exhibits not attached to 01-07-19)

(1) 2010-2012 Conceptual planning and publications

(2) 2012 Completion of environmental remediation for APN 143-251-003/4

(3) 2014 First conceptual site plan by Jones and Jones

(4) 2014 Demolition and removal of underground gas tanks on APN 143-251-003/4

(5) 2015 Second conceptual site plan by Jones and Jones

(6) 2016 Third conceptual site plan by Jones and Jones

(7) 2016 Authorization letter from Tribe for Wallace Group to file demolition permit for APN 143-251-003/4

(8) 2016 Wallace Group demolition plan for APN 143-251-003/4

(9) 2017 Irrigation District No. 1 (ID1) utility clearance for demolition permit

(10) 2017 APN 143-251-003/4 conveyance to Chumash Museum and Cultural Education Foundation (CMCEF)

(11) 2018 One Hundred Percent (100%) Construction drawings by Jones and Jones

(12) 2018 Land Use Permit 18LUP-00000-00073 to change gas station building to construction office and parking for museum on APN 143-251-003/4

(13) 2018 Land Use Permit 18LUP-00000-00086 for construction trailers and parking for museum on APN 143-251-003/4

(14) Annual expenses to date for 2014, 2015, 2016, 2017 & 2018 of over $3,000,000

(15) County Assessor Construction Questionnaire dated 01-07-19 (only 01-07-19 version of letter)

Thank you for expressing interest in the Chumash Museum and CMCEF. If you have any additional questions, please contact me.

Very best regards,

Sam Cohen
Government Affairs and Legal Officer
Santa Ynez Band of Chumash Indians
Cell: 805-245-9083
scohen@sybmi.org

JOSEPH E. HOLLAND
County Clerk, Recorder and Assessor
Registrar of Voters

105 E Anapamu St. 2nd Floor
Santa Barbara, CA 93101

Mailing Address
PO Box 159
Santa Barbara, CA 93102-0159

COUNTY CLERK, RECORDER AND ASSESSOR

CHUMASH MUSEUM & CULTURAL EDUCATION FOUNDATION
POBox 517
SANTA YNEZ CA 93460

Parcel: 143-251-004
Situs: 3540 NUMANCIA ST
SANTA YNEZ 93460
Date: 01/02/2019 / Due 1/17/19
Use Code: 2500

Dear Property Owner:

Our records indicate a building permit(s) for new construction has been issued and/or construction may be in progress at the above referenced property. The assessor is responsible for determining the market value of all new construction as of the date of completion, and adding that value to the tax roll. New construction that is in progress on **January 1st** (lien date) of each year must also be valued in accordance with its stage of completion on that date.

Normally an appraiser from the Santa Barbara County Assessor's Office visits the property to view the new construction in order to gather information essential to its value and the stage of completion as of January 1st. In some cases, we have found that the information completed on the *New Construction Questionnaire Enclosure* is sufficient enough to enable an appraiser to make a sound value judgment without additional on-site inspections.

We ask your cooperation in completing, signing and returning the attached questionnaire to our office. You may return it in the enclosed envelope or FAX it to the Santa Barbara Office (805) 568-3247, no later than fifteen days from receipt of this letter.

This is a formal request for information made under statutory authority of Sections 441(d) and 470 of the *California Revenue & Taxation Code*. Information submitted will be held confidential as provided in Section 408 and will not be open to public inspection, except as permitted under Section 408.3.

If you need assistance, please contact the appraiser indicated below. Thank you for your attention to this matter.

The January 1, 2019 lien date assessment notice required by Section 619 and 621 of the *California Revenue and Taxation Code* will be available in early July 2019 on the Assessor's website at www.sbcassessor.com.

Sincerely,

Kasey Kump

Real Property Appraiser
Lompoc Office (805) 737-7899
Enclosure: "New Construction Questionnaire Enclosure"

SANTA BARBARA COUNTY
OFFICE OF
JOSEPH E. HOLLAND
County Clerk, Recorder and Assessor
P.O. BOX 159
Santa Barbara, CA 93102-0159

New Construction Questionnaire Enclosure

Parcel: 143-251-004
Situs: 3540 NUMANCIA ST
SANTA YNEZ 93460
Date: 01/02/2019
Use Code: 2500
Appraiser Name: Kasey Kump

CHUMASH MUSEUM & CULTURAL EDUCATION FOUNDATION
POBox 517
SANTA YNEZ CA 93460

Has this project been completed? Yes ____ No X If yes, Date project completed: ____ / ____ / _____
Has this project been permanently abandoned? Yes ____ No X If yes, Date abandoned: ____ / ____ / _____
☒ If construction has not yet started, check box, make any pertinent remarks, sign and return form.

Please use this table as a guide. Place a check mark in the 'yes'/'no' box to indicate the status for each component of the new construction project as of January 1, 2019		
	Completed? 1-1- 2019	
ITEM	**Yes**	**No**
1. Excavation, foundation and piers		
2. Girders, floor joist and sub-floor		
3. Wall framing and ceiling joist		
4. Rafters, sheathing and flashing		
5. Roof covering		
6. Plumbing-sewer connections and rough-in		
7. Wiring		
8. Exterior stucco or siding		
9. Interior lathing and plaster, sheet-rock		
10. Finish floors (including kitchen and bath)		
11. Sash and doors		
12. Built-ins and interior trim		
13. Plumbing fixtures (including water heater)		
14. Light fixtures		
15. Finish hardware		
16. Painting and decorating		

0000122136

OVER

Construction Cost Detail

Please provide in-progress or completed construction costs.
(If the category does not apply, please enter N/A)

Parcel: 143-251-004

Structural:

Demolition and/or removal costs	$
Architectural and engineering fees (plan/permit fees and any survey costs)	$
Contractor's cost/materials & labor *(inclusive of overhead and profit)*	$
Carrying charges during construction *(e.g. taxes, insurance, interest)*	$
Other	$

Land Improvements:

Grading and site preparation costs *(excavation, compaction, fill, etc.)*	$ 100,000
Landscape *(including architect & materials)*	$
Wells, pumps and cisterns	$
Other	$

Your construction costs may also include:

Consulting and legal or litigation fees specific to the project	$ 3,000,000
Administrative expenses during construction	$
Offsite improvements	$
Other	$
TOTAL COST of all work as of the Date of Completion:	$
If not complete TOTAL ESTIMATED COST of all work as of January 1, 2019	$

Work Done By (Circle One) **Owner/Builder** **Contractor** **Other (explain below)**

Please describe all new construction:

Welfare Exemption for Museum requested and denied as no visible construction. Please reconsider welfare exemption as grading has commenced in December 2018.

I declare under penalty of perjury that this information is true and complete to the best of my knowledge.

Sam Coleman / [signature] 7/1/19 805-245-9083 (cell) 805-688-7997 (w)

Print Name/Signature **Date** **Daytime Phone** **Alternate Phone**

This is a formal request for information made under statutory authority of Sections 441(d) and 470 of the California Revenue & Taxation Code. Information submitted will be held confidential as provided in Section 408 and will not be open to public inspection, except as permitted under Section 408.3.

Thank you for your timely response. If you have questions, please contact the appraiser identified on the bottom of the enclosed cover letter.

Appraiser Name: Kasey Kump

APPENDIX C

Phase I ESA

Phase I Environmental Site Assessment

APNs 143-251-003 and -004
Santa Ynez, California

Prepared for:

Santa Ynez Band of Chumash Indians

Prepared by:

Rincon Consultants, Inc.
May 29, 2015

Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, California 93003

805 644 4455
FAX 644 4240

info@rinconconsultants.com
www.rinconconsultants.com

May 29, 2015
Project 15-01513

Mr. Vincent Armenta
Tribal Chairman
C.O. Sam Cohen
Santa Ynez Band of Chumash Indians
P.O. Box 517
Santa Ynez, CA 93460

Subject: **Phase I Environmental Site Assessment**
APN 143-251-003 and -004
Santa Ynez, California

Dear Mr. Armenta:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the property located at 3545 East Highway 246 identified by Assessor's Parcel Numbers 143-251-003 and -004 in Santa Ynez, California. The Phase I ESA was performed in accordance with our proposal dated April 23, 2015 and professional services agreement dated April 23, 2015.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions. Our work program for this project is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E-1527-13). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high voltage power lines.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

Sarah Larese
Senior Environmental Scientist

Walter Hamann, PG, CEG
Vice President, Environmental Services

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APN 143-251-003 and -004

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EXECUTIVE SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the property identified as 3545 East Highway 246 and 3540 and 3541 Numancia Street in Santa Ynez, California, APN 143-251-003 and 004 (Figure 1, Vicinity Map). The subject property is currently used as a classroom for Tutor Perinini Building Corporation.

Rincon Consultants performed a reconnaissance of the subject property on May 19, 2015. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the subject property. The use, storage or disposal of hazardous materials on the subject property was not observed during the site reconnaissance.

The subject property is located in an area that is primarily comprised of residential, commercial, agricultural, and vacant land uses. Properties in the vicinity of the subject property include a Mobil gas station, Ace Hardware, Santa Ynez Burrito, agricultural use, an airport, and single-family homes.

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within a specified radius of the property. The subject property was listed on the following databases:

- FINDS, US Historical Auto Station, and HAZNET databases as Chumash California Gas Station #2 at 3545 East Highway 246.
- RGA LUST, SWEEPS UST, LUST, Historical UST, and CUPA databases as Corner Store at 3545 East Highway 246.

According to the EDR report and the documents reviewed at the State Water Resources Control Board (SWRCB) GeoTracker website, four underground storage tanks (USTs), associated dispensers and product lines were removed from the subject property and replaced with three new USTs, five dispensers, and associated product lines in August 1999. Soil samples were collected from below the former USTs, the former fuel dispensers, the product lines and the excavated stockpiled soil. Based on the information generated during the removal and abandonment of the tanks/dispensers, a release of gasoline and diesel constituents had occurred in the area of the former USTs and dispenser locations. GeoTracker indicates that several site assessments and remedial activities (including soil and groundwater investigations, quarterly groundwater monitoring and reporting, and remediation with a soil vapor extraction system and air sparging) occurred at the site from 1999 to 2012.

According to the *Soil Vapor Extraction Systems Rebound Test and Soil Assessment* prepared by Rincon in July 2012, the analytical results indicate that none of the residual onsite soil matrix concentrations exceeded the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESL) or Fire Prevention Division (FPD) investigation levels. Therefore, the soil vapor extraction remediation effort was successful

in removing Total Petroleum Hydrocarbons (TPH), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and fuel oxygenates from the soil at the subject property.

As of December 2012, the Santa Barbara County Fire Prevention Division (SBCFPD) issued a closure letter that confirmed the completion of the site investigation and corrective actions for USTs formerly located at the Corner Store Station/ Chumash Gas Station #2 site and indicated that the property is in compliance with the required regulations and no further action related to the petroleum release(s) is required.

A letter from the Santa Barbara County Public Health Department, confirms the removal of four USTs at the subject property on April 23, 2014. In addition, the letter indicates that soil samples collected from the UST excavations on April 25, 2014 did not contain contamination at levels above the County and State's requirements for protecting human health and the environment. No further action was required.

One adjacent property was listed in databases searched by EDR:

- **Chumash Gas Station #3 located at 990 Edison Street:** The Chumash Gas Station #3 (Mobil) site is listed in the CUPA Listings database and is located across Edison Street and East Highway 246, approximately 140 feet to the southeast of the subject property.

Historical sources reviewed as part of the Phase I ESA include aerial photographs, city directories, and topographic maps. The photos and maps reviewed indicate the subject property was vacant land from at least 1905 through 1928. A small residential building is visible on the property from 1938 through 1967. The existing commercial building has been present on the site since at least 1975.

Based on the findings of this Phase I ESA, it is our opinion that there is one Historical Recognized Environmental Condition (REC) associated with the property:

- ***The past use of the subject property as a gasoline station***

Based on our review of the environmental documents pertaining to the unauthorized release of gasoline and diesel at the subject property (Corner Store Station/Chumash Gas Station #2 site), the successful soil vapor extraction remediation effort in removing TPH, BTEX and fuel oxygenates from the soil at the subject property, the confirmed removal of USTs from the site and the case-closure status of the site, it is not expected that the unauthorized release associated with the former Corner Store Station/Chumash Gas Station #2 site would be adversely affecting soil or groundwater beneath the subject property and no additional assessment is recommended.

However, based on our review of historical sources, the existing building located on the site was built prior to 1975. Although not considered a recognized environmental condition (REC), pursuant to ASTM E 1527-13, structures constructed prior to 1978 may contain lead based paint (LBP) and structures constructed prior to 1981 may contain asbestos containing building materials (ACBM). Based on the age of the onsite structure, there is the potential that LBP and ACBM were used during the construction of the onsite structure. To determine if LBP and ACBM are present in the onsite structures, LBP and ACBM surveys should be conducted

INTRODUCTION

This report presents the findings of a Phase I ESA conducted for the property identified as 3545 East Highway 246 and 3540 and 3541 Numancia Street in Santa Ynez, California, APN 143-251-003 and 004 (Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. for the Santa Ynez Band of Chumash Indians in general conformance with ASTM E 1527-13 and our proposal and contract dated April 23, 2015. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions.

PURPOSE

The purpose of this Phase I ESA was to assess the environmental conditions of a property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A recognized environmental condition (REC) is defined pursuant to ASTM E 1527-13 as,

> *"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; 3) under conditions that pose a material threat of a future release to the environment".*

A Controlled REC is defined pursuant to ASTM E 1527-13 as,

> *"a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report".*

A Historical REC is defined pursuant to ASTM E 1527-13 as,

> *"a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (for example, use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP [Environmental Professional] considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition".*

A de minimis condition is defined pursuant to ASTM E 1527-13 as,

> "*a condition that generally does 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. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions*".

SCOPE OF SERVICES

The scope of services conducted for this study is outlined below:

- Perform a reconnaissance of the site to identify obvious indicators of the existence of hazardous materials.
- Observe adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtain and review an environmental records database search from Environmental Data Resources, Inc. (EDR) to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Review files for the subject property and immediately adjacent properties as identified in the EDR report, as applicable.
- Review the current U.S. Geological Survey (USGS) topographic map to obtain information about the subject property's topography and uses of the subject property and properties in the vicinity of the subject property.
- Review additional pertinent record sources (e.g., California Division of Oil and Gas records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Review reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.
- Provide a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by the client.
- Provide a user interview questionnaire to a representative of the client, the user of the Phase I ESA.
- Conduct interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Review Client-provided information (e.g., previous environmental reports, title documentation), as applicable.

SIGNIFICANT ASSUMPTIONS, LIMITATIONS, DEVIATIONS, EXCEPTIONS, SPECIAL TERMS, AND CONDITIONS

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and

historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary analysis.

Rincon has not found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the subject property. Additional research, including surface or subsurface sampling and analysis, can reduce the client's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E 1527-13 practice, our scope of services did not include any inquiries with respect to asbestos containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to release of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high voltage power lines.

USER RELIANCE

Santa Ynez Band of Chumash Indians has requested this assessment and will use the assessment to provide information for the purposes of purchasing or acquiring said property. This Phase I ESA was prepared for use solely and exclusively by Santa Ynez Band of Chumash Indians. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.

SITE DESCRIPTION

Location

The subject property is a 1/2-acre property located north of Mission Drive (Highway 246), South of Numancia Street, and west of Edison Road in Santa Ynez, California (Figure 2, Site Map). The property is identified as Assessor Parcel Number (APN) 143-251-003 and -004. According to the Santa Barbara County Assessor Office the property is identified as 3540 and 3541 Numancia Street.

Subject Property and Vicinity General Characteristics

The subject property is currently used for as a classroom for Tutor Perinini Building Corporation.

The subject property is located in an area that is primarily comprised of commercial, construction, and vacant land uses. The current adjacent land uses are described in Table 1 and depicted on Figure 3, Adjacent Land Use Map.

Table 1 - Current Uses of Adjacent Properties

Area	Use
Northern Properties	Numancia St. followed by commercial use
Eastern Properties	Edison St. followed by vacant land
Western Properties	Construction
Southern Properties	Hwy 246 followed by vacant land, and Edison St. followed by Mobil gas station to the southeast

Descriptions of Structures, Roads, Other Improvements on the Site

During the site reconnaissance, a single-story, brick building was observed on the subject property.

A chain-link fence was noted on the western border and a wood fence was observed on the northern, eastern, and southern border of the subject property. Access to the subject property is available from a driveway on Numancia Street to the north, Edison Street to the east, and Highway 246 to the south.

Water service is provided by the Santa Ynez River Water District, ID#1. Portable toilets are used onsite and the existing bathroom is no longer used. Pacific Gas and Electric Company provides electrical service and the Gas Company provides natural gas service. Solid waste collection and disposal services are provided by Marborg Industries.

USER PROVIDED INFORMATION

As described in ASTM E 1527-13 Section 6, the Santa Ynez Band of Chumash Indians was provided a User Questionnaire actual knowledge pertaining to the subject property to help identify recognized environmental conditions in connection with the property prior to completion of the site reconnaissance. A completed questionnaire has not been returned as of the date of this report.

The following information about the subject property provided by the Santa Ynez Band of Chumash Indians is summarized below and included in Appendix 1:

- Letter from the Santa Barbara County Public Health Department, *Underground Storage Tank Located at 3545 Hwy 246, Santa Ynez, CA 93460,* dated June 6, 2014 - the letter confirms the removal of four underground storage tanks (USTs) at the subject property on April 23, 2014. In addition, the letter indicates that the soil samples collected from the UST excavations on April 25, 2014 did not contain contamination at levels above the County and State's requirements for protecting human health and the environment. No further action was required.

RECORDS REVIEW

PHYSICAL SETTING SOURCES

Topography

The current USGS topographic map (Santa Ynez Quadrangle, 1995) indicates that the subject property is situated at an elevation of about 575 to 595 feet above mean sea level with topography sloping to the southwest. Terrain in and around the site is comprised of gently to moderately rolling hills and mesas. Zanja De Cota Creek is about 300 feet south of the subject property. The subject property and surrounding areas are located within the Santa Ynez Valley. The Santa Ynez Valley is bordered on the south by the Santa Ynez Mountains and on the north by the Purisima Hills area. The Santa Ynez River is about 2.25 miles south of the site.

Geology and Hydrogeology

The subject property is located within the Transverse Ranges Province of Southern California, identified by the east-west trending mountain ranges and valleys. The Transverse Ranges are comprised of rocks that are progressively older from west to east. East-west trending folds and faults predominate. Valleys, faults, and downwarps separate mountain ranges. Santa Ynez is located within the Santa Ynez Valley, bordered on the south by the Santa Ynez River and on the north by the Purisima Hills area.

Site Geology

The subject property appears on the Geologic Map of the Santa Ynez/Tajiguas Quadrangle by Thomas W. Dibblee, Jr. (1988). The subject property appears on the Geologic Map of the Santa Ynez/Tajiguas Quadrangle by Thomas W. Dibblee, Jr. (1988). The subject property is covered by Quaternary age, older dissected surficial sediments. These sediments consist of remnants of undivided, weakly consolidated stream terrace. Geologic features near the subject property include several faults and folds. The nearest mapped feature is the San Lucas Anticline (Dibblee, 1988). This anticline is located approximately 2,500 feet east of the subject property. The Los Alamos Syncline is about 1.5 miles north of the subject property. The Santa Ynez Fault is about 3 miles south of the subject property. An unnamed fault is located about 2 miles north-northeast of the subject property.

Regional Groundwater Occurrence and Quality

The subject property is located within the Santa Ynez Upland Groundwater Basin. This basin is a 130-square mile area with the Santa Ynez River bordering the basin to the south, the San Rafael Mountains to the north, the Alamo Pintado Creek valley to the west and the Santa Agueda Creek Valley to the east. Groundwater in the Santa Ynez Valley occurs in unconsolidated Tertiary- and Quaternary-age deposits consisting of Careaga Sand, Paso Robles Formation, terrace deposits and alluvium. Consolidated Tertiary rocks underlie the unconsolidated deposits, such as the Monterey Shale and Sisquoc Formations; however, in general they are not exploited for water because of their poor well yields. The principal water bearing formation is a nonmarine deposit of late Pliocene and probably early Pleistocene age

that overlies the Careaga Sandstone. Water in the alluvium is typically encountered under unconfined conditions. Maximum water production generally occurs near axes of canyons. Historically, Alamo Pintado, Happy Canyon, and Santa Agueda Creeks have had high groundwater production rates in the unconsolidated material. Wells completed in the Careaga Sandstone have historically produced several hundred gallons per minute.

To determine groundwater depth and flow direction in the vicinity of the subject property, we reviewed information on the State Water Resources Control Board's (SWRCB) GeoTracker website for a nearby site:

- According to the 2012 Semi-Annual Groundwater Monitoring Report for subject property (Chumash Gas Station #2 - 3545 East Highway 256), groundwater beneath the subject property is encountered between 27.66 and 43.19 feet below grade and the direction of groundwater flow is to the southwest.

STANDARD ENVIRONMENTAL RECORD SOURCES

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within specified radii of the property. A copy of the EDR report, which specifies the ASTM search distance for each public list, is included as Appendix 2. As shown on the attached EDR report, federal, state and county lists were reviewed as part of the research effort. Please refer to Appendix 2 for a complete listing of sites reported by EDR and a description of the databases reviewed.

The Map Findings Summary, included in the EDR report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property. The following information is based on our review of the Map Findings Summary and the information contained in the EDR report.

Subject Property

The subject property was listed on the following databases:

- RGA LUST, SWEEPS UST, LUST, Historical UST, and CUPA databases as Corner Store at 3545 East Highway 246.
- FINDS, US Historical Auto Station, and HAZNET databases as Chumash California Gas Station #2 at 3545 East Highway 246.

Regulatory agency files reviewed for the subject property are discussed in the Additional Environmental Record Sources section of this report.

Offsite Properties

Offsite properties listed by EDR fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., LUST, National Priority List [a.k.a. Superfund sites, and corrective action facilities), and databases of businesses permitted to use

hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

Rincon reviewed the EDR Radius Map and select detailed listings to evaluate their potential to impact the subject property, based on the following factors:

- Reported distance of the facility from the subject property
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes
- Reported case type (e.g., soil only, failed UST test only)
- Reported substance released (e.g., chlorinated solvents, gasoline, metals)
- Reported regulatory agency status (e.g., case closed, "no further action")
- Location of the facility with respect to the reported groundwater flow direction (discussed in the Geology and Hydrogeology section of this report)

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized in Table 2. In accordance with ASTM, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

Table 2 - EDR Listing Summary of Select Sites within One-Quarter

Site Name	EDR Site ID	Site Address	Distance from Subject Property (miles)	Database Reference
Subject Property				
Corner Store, Chumash California Gas Station #2	A1-9	3545 E. HWY 246	Subject Property	RGA LUST, LUST, SWEEPS UST, FINDS, US Hist Auto Stat, HAZNET, HIST UST, CUPA, UST
Adjacent Properties				
Chumash Gas Station #3	10	990 Edison St.	Adjacent – Southeast	CUPA Listings
Up-gradient Sites				
Sagebrush Painting	11	3595 Numancia St.	Less than-1/8 mile – East-Northeast	CUPA
Santa Ynez River Water Conservation	C20	3622 Sagunto St.	1/8 – 1/4 mile – Northeast	HIST UST, CUPA
Nohr's Auto Haus	C23-24	3630 Sagunto St.	1/8 – 1/4 mile – Northeast	US Hist Auto Stat, CUPA

Regulatory agency information reviewed for the listings in the table above are summarized in the Additional Environmental Record Sources section of this report.

Orphan Listings

EDR reported no orphan or unmapped site listings, which EDR is unable to plot due to insufficient address information.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Review of Agency Files

As a follow-up to the database search, Rincon reviewed regulatory information for facilities within the specified search radii that were interpreted to have the potential to impact the subject property, based on one or more factors previously discussed (e.g., distance, open case status, up-gradient location, soil vapor migration).

The following is a summary of our review of regulatory information obtained from review of online sources (e.g., SWRCB GeoTracker database, DTSC Envirostor database) and/or files requested from the applicable regulatory agency, as described below.

Subject Property
The subject property was listed in nine databases searched by EDR:

- **Corner Store Station/ Chumash Gas Station #2 located at 3545 E. Highway 246:** The Corner Store Station/Chumash Gas Station #2 is listed in the EDR US Hist Auto Station, LUST, HIST UST, CUPA Listings, SWEEPS UST, and UST databases.

  According to the EDR report and the documents reviewed at the SWRCB GeoTracker website, four USTs, associated dispensers and product lines were removed from the site and replaced with three new USTs, five dispensers, and associated product lines in August 1999. Indications of petroleum contamination (odors and staining) were observed in soil remaining beneath the former UST locations. Soil samples were collected from below the former USTs, the former fuel dispensers, the product lines and the excavated stockpiled soil. Based on the information generated during the removal and abandonment of the tanks/dispensers, a release of gasoline and diesel constituents had occurred in the area of the former USTs and dispenser locations. GeoTracker indicates that several site assessments and remedial activities (including soil and groundwater investigations, quarterly groundwater monitoring and reporting, and remediation with a soil vapor extraction system and air sparging) occurred at the site from 1999 to 2012.

  According to the *Soil Vapor Extraction Systems Rebound Test and Soil Assessment* prepared by Rincon in July 2012, the analytical results indicate that none of the residual onsite soil matrix concentrations exceeded the SFRWQCB ESLs or FPD investigation levels. Therefore, the soil vapor extraction remediation effort was successful in removing TPH, BTEX and fuel oxygenates from the soil at the subject property.

  As of December 2012, the Santa Barbara County Fire Prevention Division (SBCFPD) issued a closure letter that confirmed the completion of the site investigation and corrective actions for USTs formerly located at the Corner Store Station/ Chumash Gas Station #2 site and indicated that the property is in compliance with the required regulations and no further action related to the petroleum release(s) is required.

  Based on our review of the environmental documents pertaining to the unauthorized release of gasoline and diesel at the subject property (Corner Store Station/Chumash

Gas Station #2 site), the successful soil vapor extraction remediation effort in removing TPH, BTEX and fuel oxygenates from the soil at the subject property, and the case-closure status of the site, it is not expected that the unauthorized release associated with the former Corner Store Station/Chumash Gas Station #2 site would be adversely affecting soil or groundwater beneath the subject property.

Adjacent Properties

One adjacent property was listed in databases searched by EDR:

- **Chumash Gas Station #3 located at 990 Edison Street:** The Chumash Gas Station #3 (Mobil) site is listed in the CUPA Listings database and is located across Edison Street and East Highway 246, approximately 140 feet to the southeast of the subject property. The CUPA program is regulated by the Santa Barbara County Public Health Department, Environmental Health Services Division and regulates hazardous materials and hazardous waste by consolidating the administration, permits, inspections, and enforcement activities. The listing of the adjacent Chumash Gas Station #3 site in the CUPA database is not indicative of a release of hazardous materials on the adjacent property. Based on the historical aerial photographs reviewed as part of this Phase I ESA, this Chumash/Mobil station was recently constructed in 2013, and prior to 2013, the property was vacant, undeveloped land. Based on the nature of the listing (not indicative of a hazardous materials release) and the location of the site hydrologically downgradient from the subject property this adjacent property is not expected to be adversely affecting soil or groundwater beneath the subject property at this time.

Up-gradient Sites

Three nearby properties were listed in the CUPA databases searched by EDR:

- **Sagebrush Painting located at 3595 Numancia Street:** The Sage Brush Painting property is listed on the CUPA database and is located approximately 485 feet northeast of the subject property. CUPA program is regulated by the Santa Barbara County Public Health Department, Environmental Health Services Division and regulates hazardous materials and hazardous waste by consolidating the administration, permits, inspections, and enforcement activities. Based on the nature of the listing (not indicative of a hazardous materials release), it is not expected to be adversely affecting soil or groundwater beneath the subject property at this time.

- **Santa Ynez River Water Conservation located at 3622 Sagunto Street:** The Santa Ynez River Water Conservation property is listed on the CUPA database and is located approximately 910 feet northeast of the subject property. CUPA program is regulated by the Santa Barbara County Public Health Department, Environmental Health Services Division and regulates hazardous materials and hazardous waste by consolidating the administration, permits, inspections, and enforcement activities. Based on the nature of the listing (not indicative of a hazardous materials release), it is not expected to be adversely affecting soil or groundwater beneath the subject property at this time.
  This site is also listed on the Historical Underground Storage Tank (UST) database. The listing indicates that one tank was used for unleaded fuel and a leak was not detected. No additional information was available in relation to this listing. Based on the absence of a hazardous materials release and distance from the subject property, this listing is

not expected to adversely affect soil or groundwater beneath the subject property at this time.

- **Nohr's Auto Haus located at 3630 Sagunto Street:** Nohr's Auto House is listed on the CUPA database and is located approximately 910 feet northeast of the subject property. CUPA program is regulated by the Santa Barbara County Public Health Department, Environmental Health Services Division and regulates hazardous materials and hazardous waste by consolidating the administration, permits, inspections, and enforcement activities. Based on the nature of the listing (not indicative of a hazardous materials release), it is not expected to be adversely affecting soil or groundwater beneath the subject property at this time. The site is also listed on the historical auto stations database. The listing indicates Nohr's Auto Haus, Inc. occupied the site since 2002 through 2004.

KNOWN OR SUSPECT CONTAMINATED RELEASE SITES WITH POTENTIAL VAPOR MIGRATION

The EDR report was reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby site to be migrating beneath the subject property. Based on the ASTM E 2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 1/10 mile (528 feet) for petroleum hydrocarbons
- 1/3 mile (1,760 feet) for other contaminants of concern (COCs)

If up-gradient known or suspect contaminated sites are located within the above referenced distances from the subject property, online resources are reviewed to determine the extent of the contaminated plume at those sites. The following describes search distances for contaminated plumes of petroleum hydrocarbons and other COCs.

Petroleum Hydrocarbons

Based on our review of the EDR report information as indicated above, there are no adjacent or up-gradient known or suspect petroleum hydrocarbon impacted soil or groundwater plumes located within 30 feet of the subject property.

Other COCs

Based on our review of the EDR report, there are no adjacent or up-gradient known or suspect contaminated soil or groundwater plumes located within 100 feet of the subject property.

Review of State of California Division of Oil and Gas Records

A review of the Department of Conservation, Division of Oil, Gas & Geothermal Resources Online Mapping System indicates that no oil wells are located within ¼ mile of the subject property.

HISTORICAL USE INFORMATION ON THE PROPERTY AND THE ADJOINING PROPERTIES

The historic records review completed for this Phase I ESA includes aerial photographs, topographic maps, fire insurance maps, and city directories as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix 3.

Review of Historic Aerial Photographs

Aerial photographs from EDR's aerial photograph collection were obtained and reviewed.

Review of City Directory Listings

EDR was contracted to provide copies of city directory listings for the subject property.

Review of Fire Insurance Maps

EDR was contracted to provide copies of fire insurance maps for the subject property. As indicated in the attached report, fire insurance maps were not available for the subject property or adjacent properties.

Review of Historic Topographic Maps

Historic topographic maps from EDR's map collection were reviewed.

Review of County of Santa Barbara Building Permit Records

On April 29, 2015, we attempted to contact the County of Santa Barbara to obtain copies of historic building permits for the subject property However, as of the date of this report, we have not received a response from the County of Santa Barbara Planning and Development Department.

Summary of Historic Uses

Subject Property
Based on our review of the documents listed above, it appears that the subject property was vacant land since 1905 through 1928. A small building is visible on the property from1944 through 1956. The gasoline station was present on the property since at least 1975 through 2010. During the site reconnaissance, we observed the building, previously used as a convenience store and currently used as a classroom, and the absence of gasoline dispensing islands. City directories list the Corner Station from 1985 through 1995.

Northern Adjacent Property
Based on our review of the documents listed above, it appears that the northern property was vacant land since 1905 through 1928. A small residential building is visible on the property since 1938 through 1967. The existing commercial building has been present on the site since 1975. City directories were not provided by EDR for the adjacent property.

Eastern Adjacent Property
Based on our review of the documents listed above, it appears that the existing residence has been located on the northeastern portion of the eastern adjacent property since 1895. An additional residence and barn was located on the southeastern portion of the site from 1928 to 1956. Two residences were depicted on the central portion of the site in 1895 through 1909. Only one residence and a stable/barn are depicted in 1928/1929. From 1938 through the present day this parcel is vacant land. Two residences were depicted from 1895 through 1909. One residence was located on the northwestern portion of the site from 1942 to 1960. From 1967 through the present day this parcel is vacant land. The property has been in its current configuration (vacant land on the western and central portions and residence on the eastern portion) since 1967. City directories list the building as a residential from 1975 through 1985.

Southern Adjacent Property
Based on our review of the documents listed above, it appears that the southern adjacent property, following East Highway 246, has been undeveloped and vacant since 1905. Farther south, the property has been undeveloped and vacant since 1905, developed with a residential structure on the eastern portion of the subject property from 1928 through 2002, developed with additional small shed-like structures adjacent to the residential structure from 1956 through a 2002, and depicted in current configuration of present day as undeveloped and vacant land from 2006. City directory listings were not available for the southern adjacent property.

Western Adjacent Property
Based on our review of the documents listed above, it appears that the western adjacent property, following Highway 246, was vacant since 1905 through 1954. Several small structures appear on the property since 1954 through 1960. The land appears vacant since 1965 to present.

Gaps in Historical Sources

Several gaps of greater than 5 years were identified in the historical records reviewed, from 1910 to 1929, 1929 to 1938, 1940 to 1947, 1947 to 1954, 1959 to 1967, 1967 to 1975, and 1978 to 1989. These gaps are considered insignificant because the subject property use appears to be similar prior to and following the gaps.

INTERVIEWS

Rincon Consultants performed interviews regarding the subject property and surrounding areas. The purpose of the interview was to discuss current and historical subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the property.

INTERVIEW WITH OWNER

An interview questionnaire was provided to the property owner, prior to the site reconnaissance. A completed questionnaire has not been returned as of the date of this report.

INTERVIEW WITH SITE MANAGER

An interview questionnaire was provided to the site contact, Scott Blais (Director of Safety for Tutor Perini Building Corporation), during the site reconnaissance on May 19, 2015. The following information is based on information obtained during this interview.

Mr. Blais indicated he is unaware of the presence of industrial drums, storage tanks (above or below ground), fill dirt, pits, ponds, lagoons, sumps, clarifiers, solvent degreasers, stained soil, hazardous materials or hazardous wastes on the site.

Mr. Blais indicated he is unaware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

INTERVIEWS WITH OCCUPANTS

No occupants were interviewed as part of this research effort.

INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

On May 29, 2015, we attempted to contact the County of Santa Barbara Public Health Department to obtain records pertaining to the former USTs on the subject property. However, as of the date of this report, we have not received a response from the County of Santa Barbara Public Health Department.

SITE RECONNAISSANCE

Rincon Consultants performed a reconnaissance of the subject property on May 19, 2015 accompanied by Scott Blais, Director of Safety for Tutor Perini Building Corporation. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of recognized environmental conditions in connection with the property.

METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted by 1) observing the subject property from public thoroughfares, 2) observing the adjacent properties from public thoroughfares, 3) observing the

interior of the onsite structures, 4) observing the exterior of the structures, 5) backtracking to correlate exterior features with interior features, as necessary, 6) observing the subject property from driveways and walking paths.

CURRENT USE OF THE PROPERTY AND ADJACENT PROPERTIES

The subject property is currently in use as a classroom. Adjacent businesses include Miner's Ace Hardware, Mobil Gas Station, and restaurants.

PAST USE OF THE PROPERTY

Based on our site reconnaissance, the subject property was used as a gasoline service station.

CURRENT OR PAST USES IN THE SURROUNDING AREAS

The subject property is surrounded by commercial, agriculture and vacant land uses as detailed in the Site Description section of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC AND TOPOGRAPHIC CONDITIONS

Geologic, Hydrogeologic, Hydrologic and topographic information are as previously stated in the Physical Settings Section of this report.

GENERAL DESCRIPTION OF STRUCTURES

Onsite structures are as described previously in the Site Description section of this report.

INTERIOR AND EXTERIOR OBSERVATIONS

Storage Tanks

During the site reconnaissance, above-ground storage tanks or evidence of underground storage tanks were not observed.

Drums

During the site reconnaissance, Rincon did not observe any drums on the subject property.

Hazardous Substances and Petroleum Products

No hazardous substances or petroleum products were identified at the subject property.

Unidentified Substance Containers

Unidentified substance containers or unidentified containers that might contain hazardous substances were not observed during the site reconnaissance.

Odors

During the site reconnaissance, Rincon did not identify any strong, pungent, or noxious odors.

Pools of Liquid

During the site reconnaissance, Rincon did not identify any pools of liquid including standing surface water. In addition, sumps containing liquids likely to be hazardous substances or petroleum products were not observed.

Indications of Polychlorinated Biphenyls (PCBs)

During the site reconnaissance, Rincon observed two pole-mounted transformers located in the eastern portion of the subject property. No staining was observed on the ground beneath the transformer or on the power pole on which the transformer is mounted.

Other Conditions of Concern

During the site reconnaissance Rincon did not note any of the following:

- stains or corrosion
- clarifiers and sumps
- degreasers/parts washers
- pits, ponds, and lagoons
- stained soil or stained pavement
- stressed vegetation
- waste water
- wells
- septic systems/effluent disposal system

Solid Waste/Debris – trash and debris is present along the western edge of the subject property.

EVALUATION

FINDINGS

Known or suspect environmental conditions associated with the property include the following:

- The past use of the subject property as a gasoline station.

OPINIONS

A. ***The past use of the subject property as a gasoline station*** – According to the EDR report and the documents reviewed at the SWRCB GeoTracker website, four USTs, associated dispensers and product lines were removed from the site and replaced with three new USTs, five dispensers, and associated product lines in August 1999. Indications of petroleum contamination (odors and staining) were observed in soil remaining beneath the former UST locations. Soil samples were collected from below the former USTs, the former fuel dispensers, the product lines and the excavated stockpiled soil. Based on the information generated during the removal and abandonment of the tanks/dispensers, a release of gasoline and diesel constituents had occurred in the area of the former USTs and dispenser locations. GeoTracker indicates that several site assessments and remedial activities (including soil and groundwater investigations, quarterly groundwater monitoring and reporting, and remediation with a soil vapor extraction system and air sparging) occurred at the site from 1999 to 2012.

   According to the *Soil Vapor Extraction Systems Rebound Test and Soil Assessment* prepared by Rincon in July 2012, the analytical results indicate that none of the residual onsite soil matrix concentrations exceeded the SFRWQCB ESLs or FPD investigation levels. Therefore, the soil vapor extraction remediation effort was successful in removing TPH, BTEX and fuel oxygenates from the soil at the subject property.

   As of December 2012, the SBCFPD issued a closure letter that confirmed the completion of the site investigation and corrective actions for USTs formerly located at the Corner Store Station/ Chumash Gas Station #2 site and indicated that the property is in compliance with the required regulations and no further action related to the petroleum release(s) is required.

   A letter from the Santa Barbara County Public Health Department, confirms the removal of four USTs at the subject property on April 23, 2014. In addition, the letter indicates that the soil samples collected from the UST excavations on April 25, 2014 did not contain contamination at levels above the County and State's requirements for protecting human health and the environment. No further action was required.

CONCLUSIONS

Rincon has performed a Phase I ESA in general conformance with the scope and limitations of ASTM E 1527-13 for the property identified as 3545 East Highway 246 and 3540 and 3541 Numancia Street in Santa Ynez, California, APN 143-251-003 and 004. Based on the findings of this Phase I ESA, it is our opinion that one Historic Recognized Environmental Condition has been identified for the subject property:

Historic Recognized Environmental Condition:

- The past use of the subject property as a gasoline station.

RECOMMENDATIONS

Based on our review of the environmental documents pertaining to the unauthorized release of gasoline and diesel at the subject property (Corner Store Station/Chumash Gas Station #2 site), the successful soil vapor extraction remediation effort in removing TPH, BTEX and fuel oxygenates from the soil at the subject property, the confirmed removal of USTs from the site and the case-closure status of the site, it is not expected that the unauthorized release associated with the former Corner Store Station/Chumash Gas Station #2 site would be adversely affecting soil or groundwater beneath the subject property and no additional assessment is recommended.

Based on our review of historical sources, the existing building located on the site was built prior to 1975. Although not considered a recognized environmental condition (REC), pursuant to ASTM E 1527-13, structures constructed prior to 1978 may contain lead based paint (LBP) and structures constructed prior to 1981 may contain asbestos containing building materials (ACBM). Based on the age of the onsite structure, there is the potential that LBP and ACBM were used during the construction of the onsite structure. To determine if LBP and ACBM are present in the onsite structures, LBP and ACBM surveys should be conducted.

DEVIATIONS

Deviations from ASTM E 1527-13 Practice were encountered during the completion of this Phase I ESA:

- A completed User Questionnaire and a completed Property Owner Interview Questionnaire have not been returned to Rincon as of the date of this report.

REFERENCES

The following published reference materials were used in preparation of this Phase I ESA:

Environmental database: Environmental Data Resources (EDR) report dated April 27, 2015.

Geology: Geology of the Santa Ynez and Tajiguas Quadrangles, Dibblee, T.W., and Ehrenspeck, H.E., 1988; *California's Groundwater Bulletin 118*, 2003; Regional Water Quality Control Board (RWQCB) online database (GeoTracker).

Groundwater: Groundwater Resources of the Santa Ynez Upland Ground-Water Basin, USGS, Water Resources Division, 1968; Water Resources of the Santa Ynez Indian Reservation, USGS, 1979; Regional Water Quality Control Board (RWQCB) online database (GeoTracker).

Topography: USGS topographic map (1995, Santa Ynez Quadrangle).

Oil and gas records: State of California, Division of Oil, Gas and Geothermal Resources website: http://www.consrv.ca.gov/DOG/index.htm.

Aerial photographs: Photos provided by EDR.

City directory listings: Listings provided by EDR.

Historic topographic maps: Maps provided by EDR.

QUALIFICATIONS OF ENVIRONMENTAL CONSULTANTS

The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Sarah Larese, and Walt Hamann. Their qualifications are summarized below.

Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Walt Hamann	PG, CHG, CEG		MS Geology	30 years
Sarah Larese			BA Environmental Studies	16 years
Devin DiNapoli			BS Earth Science	2 years
Ariel Namm			MS Soil Science	1 year

Walt Hamann, PG, CEG, CHG, is a Principal and Senior Geologist with Rincon Consultants. He holds a Bachelor of Arts degree in geology from the University of California, Santa Barbara and a Master of Science degree in geology from the University of California, Los Angeles. He has over 30 years of experience conducting assessment and remediation projects and has prepared or overseen the preparation of hundreds of Phase I and Phase II Environmental Site Assessments throughout California. Mr. Hamann is a Professional Geologist (#4742), Certified Engineering Geologist (#1635), and Certified Hydrogeologist (#208) with the State of California.

Sarah A. Larese is a Senior Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in environmental studies from the University of California, Santa Barbara, California. Ms. Larese has experience in development, implementation and project management of environmental assessment and remediation projects, especially relating to underground storage tanks. Ms. Larese's responsibilities at Rincon include implementation of Phase I and II Environmental Site Assessments as well as conducting site remediation field activities and preparation of environmental reports. She has 16 years of experience conducting research, assessment and remediation projects.

Devin DiNapoli is an Environmental Scientist with Rincon Consultants. She holds a Bachelor's Degree in Earth Science from the University of Southern California. Ms. DiNapoli has experience working on Phase I Environmental Site Assessments for a variety of commercial, rural, and industrial properties. She also has experience conducting Phase II projects including soil and soil vapor assessments. Ms. DiNapoli's responsibilities at Rincon include implementation of Phase I and Phase II Environmental Site Assessments and preparing environmental reports.

Ariel Namm is an Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in Environmental Management and Protection with a minor in Geographic

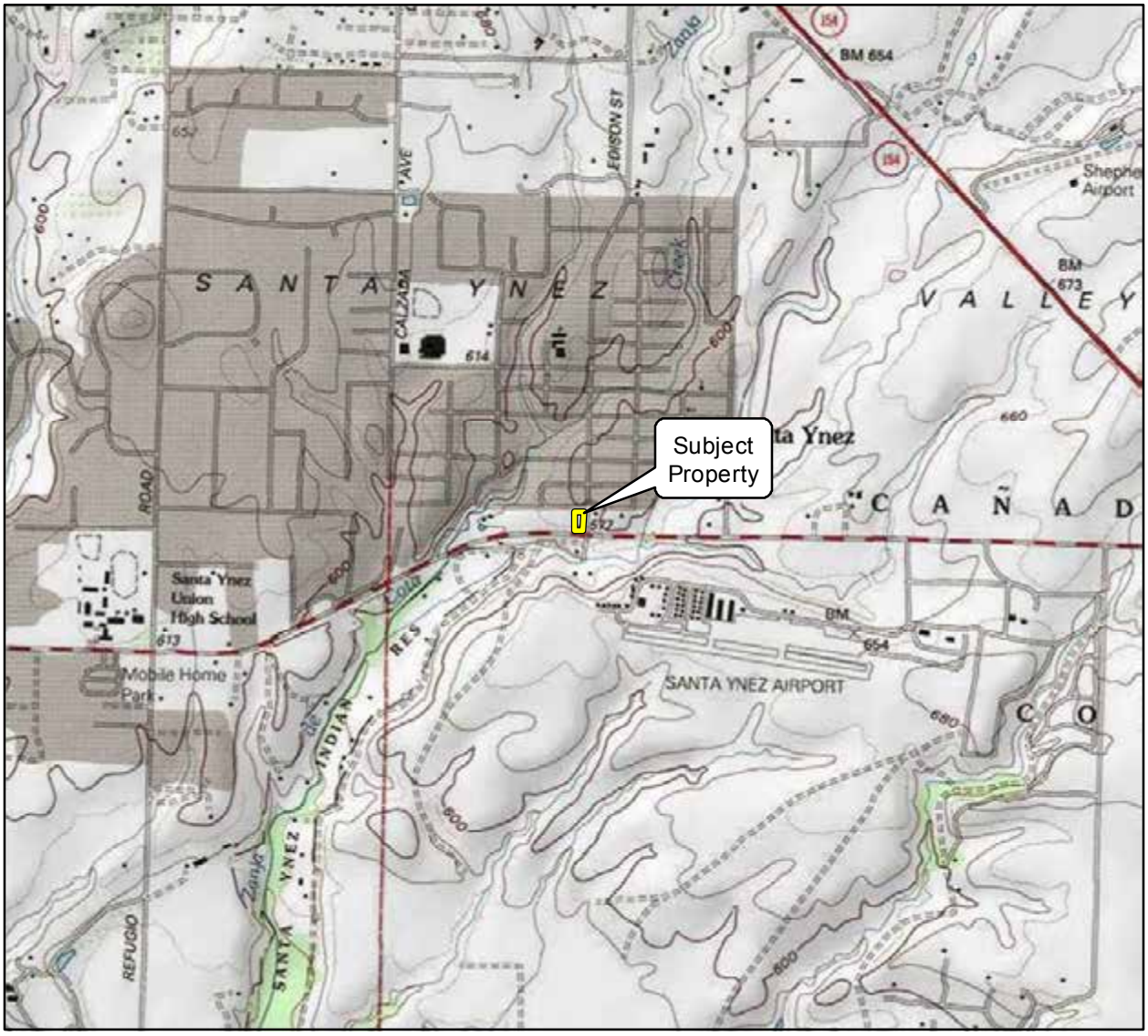
Information Systems and a Master of Science degree in Agriculture with a specialization in Soil Science from California Polytechnic State University, San Luis Obispo. Ms. Namm's responsibility at Rincon includes the preparation of Phase I Environmental Site Assessment reports as well as the preparation of various environmental permits.

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The qualified environmental professionals that are responsible for preparing the report include Sarah Larese, and Walt Hamann. Their qualifications are summarized in the following section.

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

Signature	Date: May 29, 2015
Walt Hamann, PG, CEG, CHG	Vice President
Name	Title
Signature	Date: May 29, 2015
Sarah A. Larese	Senior Environmental Scientist
Name	Title



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Vicinity Map

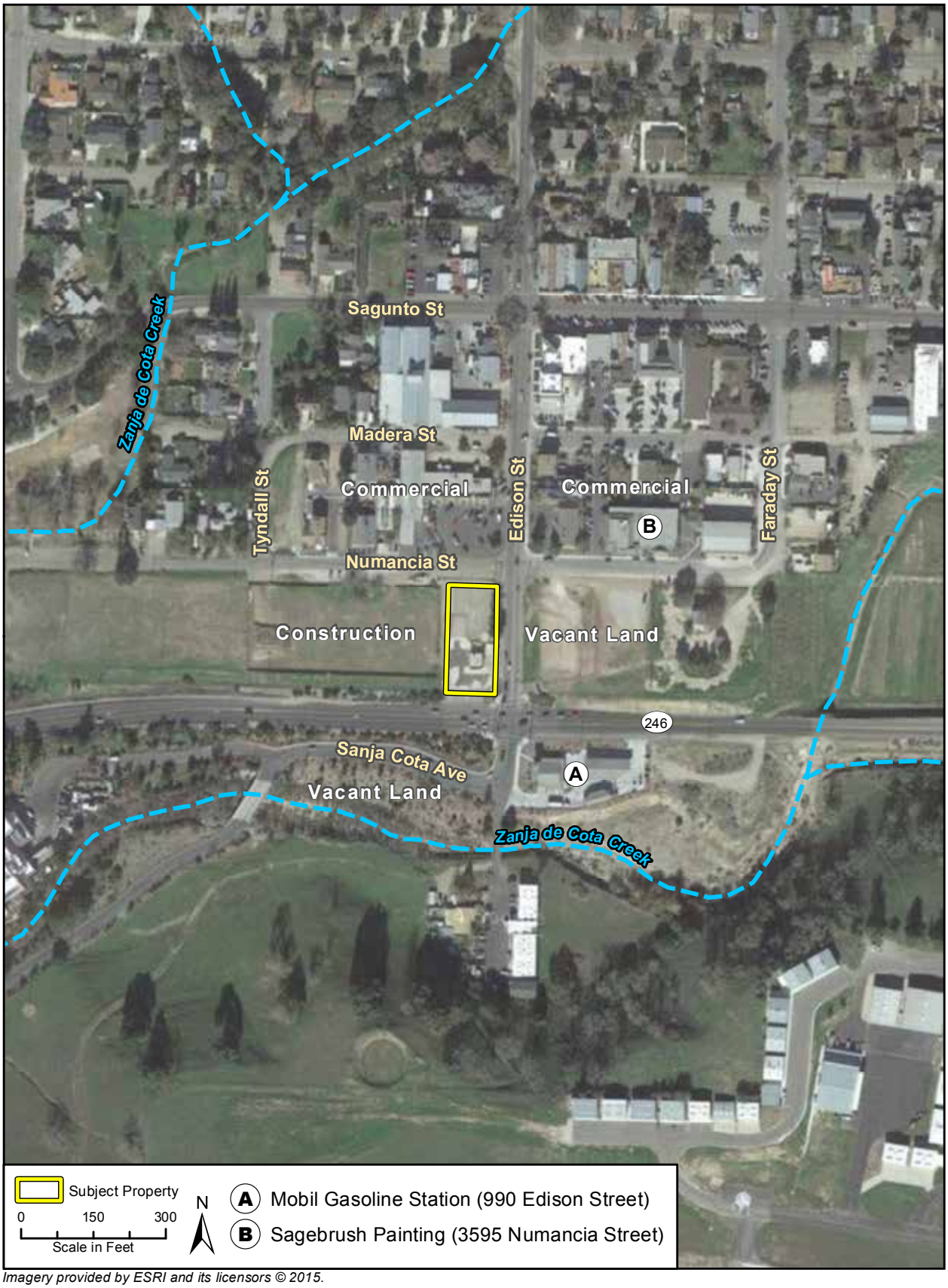
Figure 1



Imagery provided by ESRI and its licensors © 2015.

Site Map

Figure 2



Imagery provided by ESRI and its licensors © 2015.

Adjacent Land Use Map

Figure 3



Photograph 1. View of the onsite structure (3545 East Highway 246), facing northwest.



Photograph 2. View of inside onsite structure, in use as a classroom.



Photograph 3. View of northwestern portion of subject property and patched concrete, facing north.



Photograph 4. View of patched concrete throughout the subject property.



Photograph 5. View of onsite pole-mounted transformer located on the central eastern border, facing northeast.



Photograph 6. View of concrete pad located on the northern portion of the subject property, facing southeast.

Site Photographs

Figure 4



Photograph 7. View of trash/debris pile located along the central western border, facing west.



Photograph 8. View of southeastern adjacent property following Edison Street and Highway 246, Mobil Gas Station (990 Edison St.), facing southeast.



Photograph 9. View of southern adjacent vacant land following Highway 246, facing west.



Photograph 10. View of western adjacent construction site, facing south.



Photograph 11. View of northern adjacent commercial properties following Numancia Street, facing north.



Photograph 12. View of eastern adjacent vacant land following Edison Street, facing east.

Site Photographs

Figure 5

Appendix 1

Interview Documentation

Santa Barbara County
PUBLIC Health
DEPARTMENT

Environmental Health Services

225 Camino del Remedio ◆ Santa Barbara, CA 93110
805/681-4900 ◆ FAX 805/681-4901

2125 S. Centerpointe Pkwy. #333 ◆ Santa Maria, CA 93455-1340
805/346-8460 ◆ FAX 805/346-8485

Takashi M. Wada, MD, MPH *Director/Health Officer*
Anne M. Fearon *Deputy Director*
Suzanne Jacobson, CPA *Chief Financial Officer*
Michele Mickiewicz, MPH *Deputy Director*
Elizabeth Snyder, MHA *Deputy Director*
Peter Hasler, MD *Medical Director*

Lawrence D. Fay, Jr. *Director of Environmental Health*

June 6, 2014

Mark Cheli
3400 East Highway 246
Santa Ynez, CA 93460

UNDERGROUND STORAGE TANK LOCATED AT 3545 HWY 246, SANTA YNEZ, CA 93460

Dear Mr. Cheli:

The purpose of this letter is to confirm the removal of four underground storage tanks (USTs) at the above referenced site on April 23, 2014. These double-wall steel tanks were removed under permit from this office.

Based on review of the April 25, 2014 laboratory analytical reports from Oilfield Environmental and Compliance, Inc., soil samples collected from the UST excavations did not contain contamination at levels above the County and State's requirements for protecting human health and the environment. With the provision that the information provided to this agency is accurate and representative of existing conditions, no further action is required at this time.

Please be advised this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future conditions at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

If you have any questions regarding this notice, contact Gary Browne at (805) 346-8354.

Gary Browne
Hazardous Materials Specialist
Certified Unified Program Agency

Erin K. O'Connell, PG, CEG
Hazardous Materials Supervisor
Certified Unified Program Agency

C: Erik Kirkegaard, EMI-DMK Environmental (via email)

Appendix 2

Regulatory Records Documentation

APN 143-251-003/004
3545 Highway 246
Santa Ynez, CA 93460

Inquiry Number: 04276427.2r
April 27, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

3545 HIGHWAY 246
SANTA YNEZ, CA 93460

COORDINATES

Latitude (North):	34.6110000 - 34° 36' 39.60''
Longitude (West):	120.0821000 - 120° 4' 55.56''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	767564.6
UTM Y (Meters):	3833581.2
Elevation:	585 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34120-E1 SANTA YNEZ, CA
Most Recent Revision:	1978
North Map:	34120-F1 LOS OLIVOS, CA
Most Recent Revision:	1982

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120518
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3545 HIGHWAY 246
SANTA YNEZ, CA 93460

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CORNER STORE	3545 HWY 246 E	RGA LUST		TP
A2	CORNER STORE	3545 E HWY 246	SWEEPS UST		TP
A3	CORNER STORE	3545 HWY 246 E	LUST		TP
A4	CHUMASH CALIFORNIA G	3545 E HWY 246	FINDS		TP
A5		3545 E HIGHWAY 246	EDR US Hist Auto Stat		TP
A6	CHUMASH CALIFORNIA G	3545 E HIGHWAY 246	HAZNET		TP
A7	CORNER STORE	3545 E HWY 246 E	RGA LUST		TP
A8	CORNER STATION	3545 E HIGHWAY 246	HIST UST, CUPA Listings		TP
A9	CHUMASH GAS STATION	3545 E HWY 246	UST		TP
Reg	SANTA YNEZ INDIAN RE		INDIAN RESERV	Same	1616, 0.306, WSW
10	CHUMASH GAS STATION	990 EDISON ST	CUPA Listings	Lower	511, 0.097, SE
11	SAGEBRUSH PAINTING	3595 NUMANCIA ST	CUPA Listings	Higher	601, 0.114, ENE
12		1095 EDISON ST	EDR US Hist Auto Stat	Higher	646, 0.122, North
13	SANTA YNEZ FEED & MI	3532 SAGUNTO ST	HIST UST, CUPA Listings, SWEEPS UST	Higher	684, 0.130, North
B14	CHEVRON #9-8910	3595 SAGUNTO ST	UST	Higher	895, 0.170, NE
B15	CHEVRON, JOHNS SERVI	3595 SAGUNTO ST	HIST UST, SWEEPS UST	Higher	895, 0.170, NE
B16	SANTA YNEZ CHEVRON	3595 SAGUNTO	LUST, CUPA Listings	Higher	895, 0.170, NE
B17		3595 SAGUNTO ST	EDR US Hist Auto Stat	Higher	895, 0.170, NE
B18		SAGUNTO & FARADAY	EDR US Hist Auto Stat	Higher	930, 0.176, NE
19		3580 MANZANA ST	EDR US Hist Auto Stat	Higher	1071, 0.203, NNE
C20	SY RIVER WATER CONSE	3622 SAGUNTO ST	HIST UST, CUPA Listings	Higher	1115, 0.211, NE
D21	SANTA YNEZ VALLEY AI	900 AIRPORT RD	SWF/LF, NPDES, CUPA Listings, WDS	Higher	1142, 0.216, SE
D22	SANTA YNEZ VALLEY AI	900 AIRPORT RD	UST	Higher	1142, 0.216, SE
C23	NOHR'S AUTO HAUS - C	3630 SAGUNTO ST	CUPA Listings	Higher	1186, 0.225, NE
C24		3630 SAGUNTO ST	EDR US Hist Auto Stat	Higher	1186, 0.225, NE
25	SANTA YNEZ FIRE STAT	1133 CUESTA ST	HIST UST	Higher	1311, 0.248, NW
26	COLLEGE SCHOOL DISTR	3532 CEDAR STREET	SCH, HAZNET, ENVIROSTOR	Higher	2263, 0.429, North
27	LOMPOC SPORTSMAN ASS	3145 HIGHWAY 246	ENVIROSTOR	Higher	4193, 0.794, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
CORNER STORE 3545 HWY 246 E SANTA YNEZ, CA	RGA LUST	N/A
CORNER STORE 3545 E HWY 246 SANTA YNEZ, CA 93460	SWEEPS UST Comp Number: 73 Status: A Tank Status: A	N/A
CORNER STORE 3545 HWY 246 E SANTA YNEZ, CA	LUST Global Id: T0608300512 Global ID: T0608300512 Status: Completed - Case Closed Status: Pollution Characterization	N/A
CHUMASH CALIFORNIA G 3545 E HWY 246 SANTA YNEZ, CA 93460	FINDS Registry ID:: 110057060157	N/A
3545 E HIGHWAY 246 3545 E HIGHWAY 246 SANTA YNEZ, CA 93460	EDR US Hist Auto Stat	N/A
CHUMASH CALIFORNIA G 3545 E HIGHWAY 246 SANTA YNEZ, CA 93460	HAZNET GEPAID: CAL000336005	N/A
CORNER STORE 3545 E HWY 246 E SANTA YNEZ, CA	RGA LUST	N/A
CORNER STATION 3545 E HIGHWAY 246 SANTA YNEZ, CA 93460	HIST UST Facility Id: 00000019217 CUPA Listings Current Status: 2 Current Status: 1 Facility Id: FA0005318 Facility Id: FA0013974	N/A
CHUMASH GAS STATION 3545 E HWY 246 SANTA YNEZ, CA 93460	UST Facility Id: FA0013974	N/A

EXECUTIVE SUMMARY

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

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

State and tribal leaking storage tank lists

SLIC ..... Statewide SLIC Cases
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT ..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

CA FID UST ..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
UIC	UIC Listing
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE	Hazardous Waste & Substance Site List
Notify 65	Proposition 65 Records
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
EMI	Emissions Inventory Data
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
LEAD SMELTERS	Lead Smelter Sites
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
PROC	Certified Processors Database
Financial Assurance	Financial Assurance Information Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
WDS	Waste Discharge System
MWMP	Medical Waste Management Program Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
US AIRS	Aerometric Information Retrieval System Facility Subsystem
PRP	Potentially Responsible Parties

EXECUTIVE SUMMARY

2020 COR ACTION ---------- 2020 Corrective Action Program List
COAL ASH DOE ---------- Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners ---------- EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/11/2015 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COLLEGE SCHOOL DISTR Facility Id: 60001567 Status: Certified	***3532 CEDAR STREET***	***N 1/4 - 1/2 (0.429 mi.)***	***26***	***41***
LOMPOC SPORTSMAN ASS Facility Id: 42990001 Status: Refer: Other Agency	3145 HIGHWAY 246	WSW 1/2 - 1 (0.794 mi.)	27	48

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 02/16/2015 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ VALLEY AI	***900 AIRPORT RD***	***SE 1/8 - 1/4 (0.216 mi.)***	***D21***	***37***
Regulation Status: Pre-regulations				
Operational Status: Closed				
Facility ID: 42-CR-0014				

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ CHEVRON	***3595 SAGUNTO***	***NE 1/8 - 1/4 (0.170 mi.)***	***B16***	***26***
Global Id: T0608300546				
Global ID: T0608300546				
Status: Completed - Case Closed				
Status: Remedial action (cleanup) Underway				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-8910	3595 SAGUNTO ST	NE 1/8 - 1/4 (0.170 mi.)	B14	24
Facility Id: FA0005332				
SANTA YNEZ VALLEY AI	900 AIRPORT RD	SE 1/8 - 1/4 (0.216 mi.)	D22	40
Facility Id: FA0011964				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ FEED & MI Facility Id: 00000044283	***3532 SAGUNTO ST***	***N 1/8 - 1/4 (0.130 mi.)***	***13***	***23***
CHEVRON, JOHNS SERVI Facility Id: 00000058950	***3595 SAGUNTO ST***	***NE 1/8 - 1/4 (0.170 mi.)***	***B15***	***24***
SY RIVER WATER CONSE Facility Id: 00000032818	***3622 SAGUNTO ST***	***NE 1/8 - 1/4 (0.211 mi.)***	***C20***	***36***
SANTA YNEZ FIRE STAT Facility Id: 00000060824	1133 CUESTA ST	NW 1/8 - 1/4 (0.248 mi.)	25	41

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ FEED & MI Comp Number: 86	***3532 SAGUNTO ST***	***N 1/8 - 1/4 (0.130 mi.)***	***13***	***23***
CHEVRON, JOHNS SERVI Comp Number: 584 Status: A Tank Status: A	***3595 SAGUNTO ST***	***NE 1/8 - 1/4 (0.170 mi.)***	***B15***	***24***

Other Ascertainable Records

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 7 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAGEBRUSH PAINTING Current Status: 1 Current Status: 2 Facility Id: FA0013887	3595 NUMANCIA ST	ENE 0 - 1/8 (0.114 mi.)	11	21

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ FEED & MI	***3532 SAGUNTO ST***	***N 1/8 - 1/4 (0.130 mi.)***	***13***	***23***
Current Status: 2				
Facility Id: FA0005313				
SANTA YNEZ CHEVRON	***3595 SAGUNTO***	***NE 1/8 - 1/4 (0.170 mi.)***	***B16***	***26***
Current Status: 1				
Current Status: 4				
Facility Id: FA0005332				
SY RIVER WATER CONSE	***3622 SAGUNTO ST***	***NE 1/8 - 1/4 (0.211 mi.)***	***C20***	***36***
Current Status: 1				
Current Status: 2				
Facility Id: FA0014072				
SANTA YNEZ VALLEY AI	***900 AIRPORT RD***	***SE 1/8 - 1/4 (0.216 mi.)***	***D21***	***37***
Current Status: 1				
Facility Id: FA0011964				
NOHR'S AUTO HAUS - C	3630 SAGUNTO ST	NE 1/8 - 1/4 (0.225 mi.)	C23	40
Current Status: 2				
Facility Id: FA0005357				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHUMASH GAS STATION	990 EDISON ST	SE 0 - 1/8 (0.097 mi.)	10	21
Current Status: 1				
Facility Id: FA0014332				

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

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SANTA YNEZ INDIAN RE		WSW 1/4 - 1/2 (0.306 mi.)	0	21

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 5 EDR US

EXECUTIVE SUMMARY

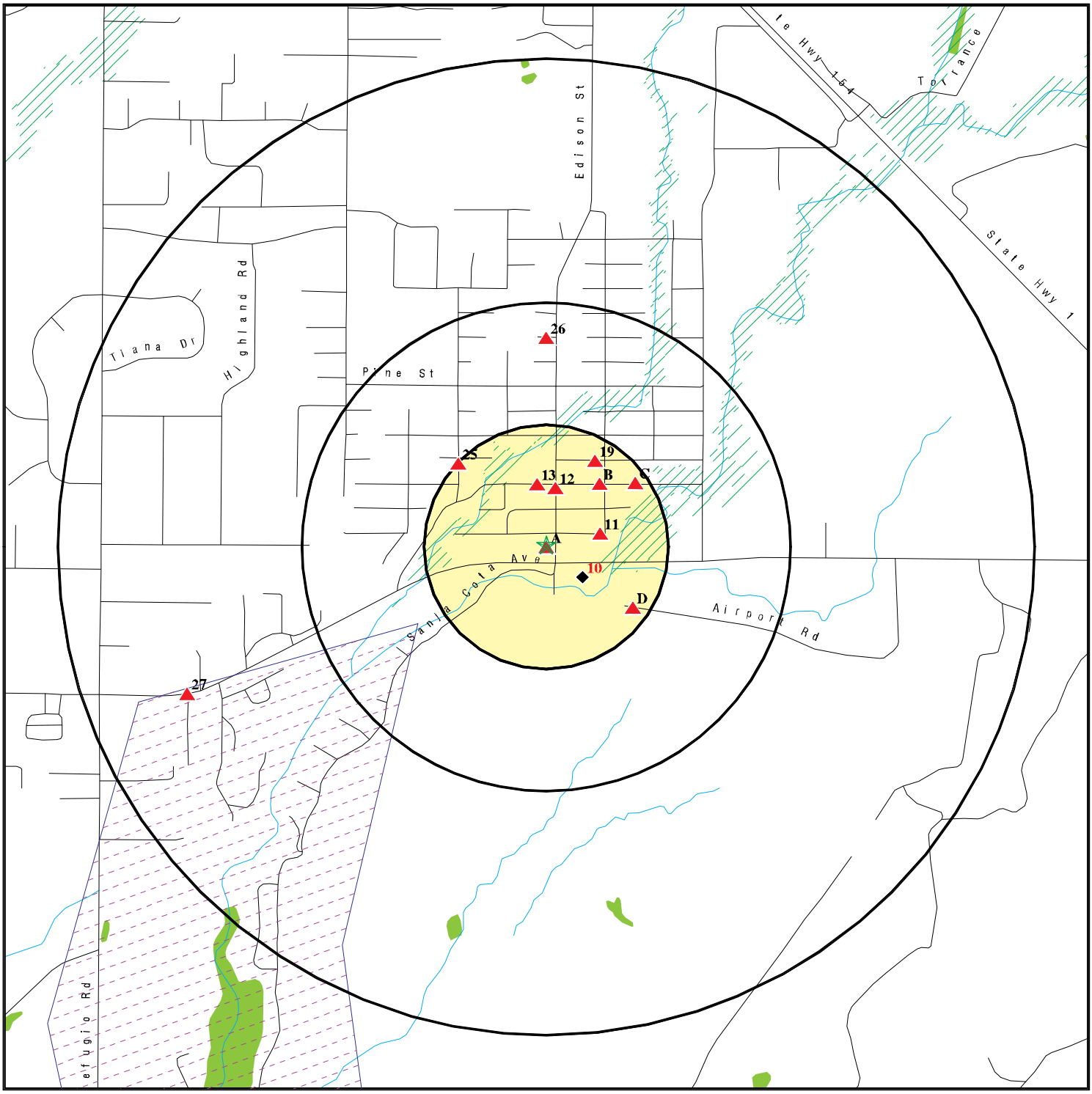
Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1095 EDISON ST	N 0 - 1/8 (0.122 mi.)	12	22
Not reported	3595 SAGUNTO ST	NE 1/8 - 1/4 (0.170 mi.)	B17	34
Not reported	SAGUNTO & FARADAY	NE 1/8 - 1/4 (0.176 mi.)	B18	35
Not reported	3580 MANZANA ST	NNE 1/8 - 1/4 (0.203 mi.)	19	35
Not reported	3630 SAGUNTO ST	NE 1/8 - 1/4 (0.225 mi.)	C24	40

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 04276427.2R



0 1/4 1/2 1 Miles

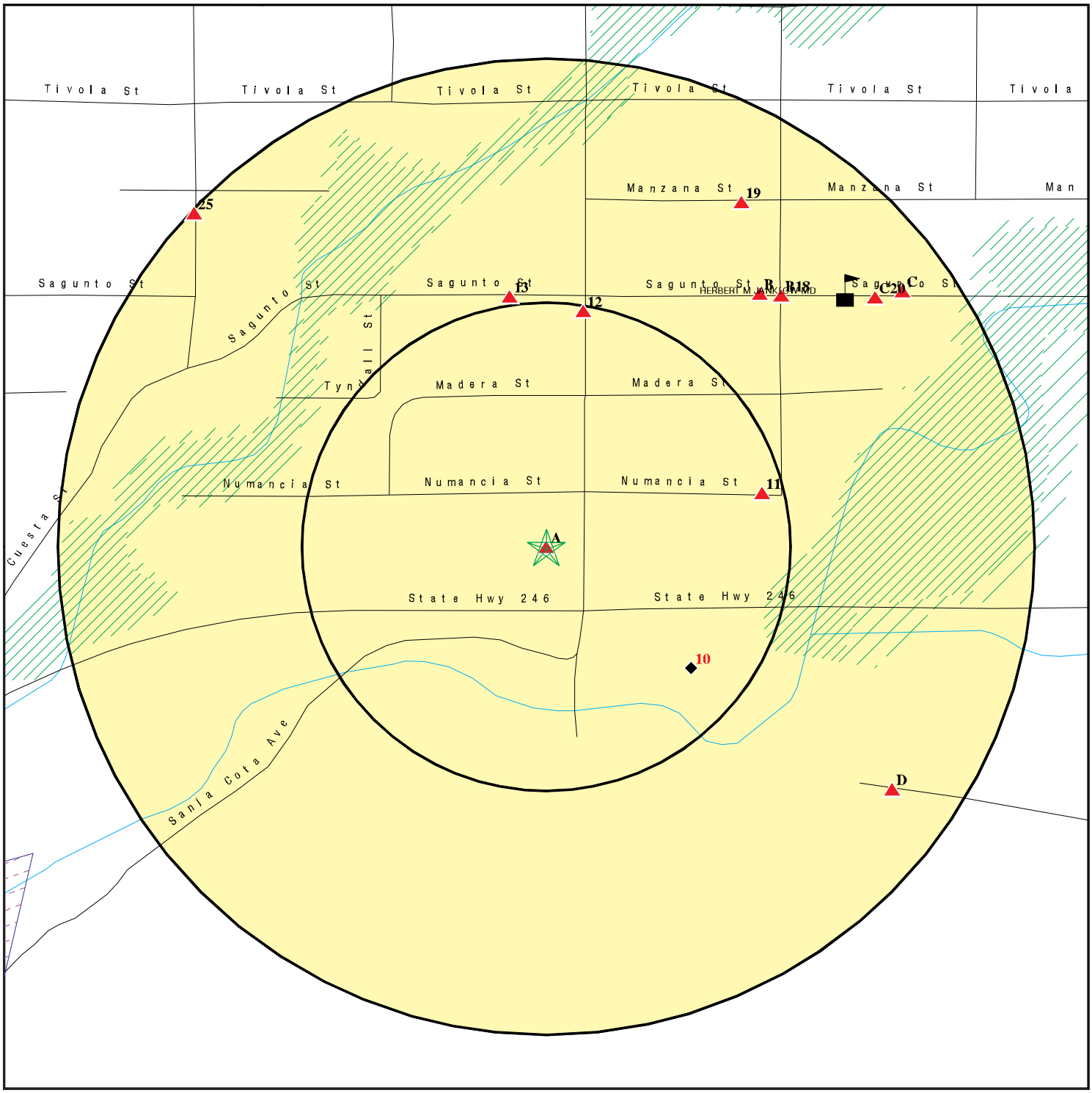
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year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

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

SITE NAME: APN 143-251-003/004 ADDRESS: 3545 Highway 246 Santa Ynez CA 93460 LAT/LONG: 34.611 / 120.0821	CLIENT: Rincon CONTACT: Ariel Namm INQUIRY #: 04276427.2r DATE: April 27, 2015 4:09 pm

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DETAIL MAP - 04276427.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

N

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

SITE NAME: APN 143-251-003/004	CLIENT: Rincon
ADDRESS: 3545 Highway 246	CONTACT: Ariel Namm
Santa Ynez CA 93460	INQUIRY #: 04276427.2r
LAT/LONG: 34.611 / 120.0821	DATE: April 27, 2015 4:13 pm

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MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250	1	0	2	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	1	0	4	NR	NR	NR	5
SWEEPS UST	0.250	1	0	2	NR	NR	NR	3
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

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
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250	1	2	5	NR	NR	NR	8
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	1	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	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
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250	1	1	4	NR	NR	NR	6
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	2	NR	NR	NR	NR	NR	2
- Totals --		10	3	19	2	1	0	35

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CORNER STORE** **RGA LUST** **S114606735**
Target **3545 HWY 246 E** **N/A**
Property **SANTA YNEZ, CA**

Site 1 of 9 in cluster A

Actual: **585 ft.**

RGA LUST:

2012	CORNER STORE	3545 HWY 246 E
2011	CORNER STORE	3545 HWY 246 E
2010	CORNER STORE	3545 HWY 246 E
2009	CORNER STORE	3545 HWY 246 E
2007	CORNER STORE	3545 HWY 246 E
2006	CORNER STORE	3545 HWY 246 E
2005	CORNER STORE	3545 HWY 246 E
2003	CORNER STORE	3545 HWY 246 E

A2 **CORNER STORE** **SWEEPS UST** **S106924915**
Target **3545 E HWY 246** **N/A**
Property **SANTA YNEZ, CA 93460**

Site 2 of 9 in cluster A

Actual: **585 ft.**

SWEEPS UST:

Status:	Active
Comp Number:	73
Number:	2
Board Of Equalization:	Not reported
Referral Date:	08-03-92
Action Date:	08-03-92
Created Date:	11-25-91
Owner Tank Id:	1
SWRCB Tank Id:	42-000-000073-000001
Tank Status:	A
Capacity:	6000
Active Date:	02-27-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REGULAR UNLE
Number Of Tanks:	4

Status:	Active
Comp Number:	73
Number:	2
Board Of Equalization:	Not reported
Referral Date:	08-03-92
Action Date:	08-03-92
Created Date:	11-25-91
Owner Tank Id:	2
SWRCB Tank Id:	42-000-000073-000002
Tank Status:	A
Capacity:	6000
Active Date:	02-27-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REGULAR UNLE
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	73
Number:	2

CORNER STORE (Continued) **S106924915**

Board Of Equalization:	Not reported
Referral Date:	08-03-92
Action Date:	08-03-92
Created Date:	11-25-91
Owner Tank Id:	3
SWRCB Tank Id:	42-000-000073-000003
Tank Status:	A
Capacity:	6000
Active Date:	02-27-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED GASOL
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	73
Number:	2
Board Of Equalization:	Not reported
Referral Date:	08-03-92
Action Date:	08-03-92
Created Date:	11-25-91
Owner Tank Id:	4
SWRCB Tank Id:	42-000-000073-000004
Tank Status:	A
Capacity:	6000
Active Date:	02-27-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REGULAR UNLE
Number Of Tanks:	Not reported

A3 **CORNER STORE** **LUST** **S105427623**
Target **3545 HWY 246 E** **N/A**
Property **SANTA YNEZ, CA**

Site 3 of 9 in cluster A

Actual:
585 ft.

LUST:

Region:	STATE
Global Id:	T0608300512
Latitude:	34.610781276
Longitude:	-120.082003175
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/13/2012
Lead Agency:	SANTA BARBARA COUNTY LOP
Case Worker:	CSB
Local Agency:	SANTA BARBARA COUNTY LOP
RB Case Number:	3085
LOC Case Number:	50073
File Location:	Stored electronically as an E-file
Potential Media Affect:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Gasoline
Site History:	URF was found during upgrade oand replacement of UST system. Extensive impacts wre located at the former UST pit location, but overexcaavation was not performed at the time in order toget the station back into operation quickly. After much assessment the site has finally been brought into remediation via SVE. The GW plume for

CORNER STORE (Continued) **S105427623**

TPHg, TPHd, BTEX, & TBA is located onsite , but the MTBE plume has migrated offsite to MW 16. While only 2-3 sampling events have occurred since MW16 & 17 were added, the MTBE at MW-16 is around 80 ug/L and likely extends farther to the SW, under Hwy 246. remediaiotn is occurring and GW sampling shall be reduced to semiannually. Additoinal MWs may be needed in the future. COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

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

Contact:

Global Id:	T0608300512
Contact Type:	Local Agency Caseworker
Contact Name:	Closed Santa Barbara Co LOP Sites
Organization Name:	SANTA BARBARA COUNTY LOP
Address:	2125 S. Centerpointe Parkway, Suite #333
City:	Santa Maria
Email:	paul.mccaw@sbcphd.org
Phone Number:	8053468359

Status History:

Global Id:	T0608300512
Status:	Completed - Case Closed
Status Date:	12/13/2012
Global Id:	T0608300512
Status:	Open - Verification Monitoring
Status Date:	06/15/2012
Global Id:	T0608300512
Status:	Open - Case Begin Date
Status Date:	08/06/1999
Global Id:	T0608300512
Status:	Open - Remediation
Status Date:	04/22/2010
Global Id:	T0608300512
Status:	Open - Site Assessment
Status Date:	08/06/1999
Global Id:	T0608300512
Status:	Open - Site Assessment
Status Date:	08/31/1999
Global Id:	T0608300512
Status:	Open - Site Assessment
Status Date:	02/02/2000

Regulatory Activities:

Global Id:	T0608300512
Action Type:	ENFORCEMENT
Date:	04/23/2010
Action:	File Review - Closure
Global Id:	T0608300512

CORNER STORE (Continued) **S105427623**

Action Type:	Other
Date:	01/01/1999
Action:	Leak Began
Global Id:	T0608300512
Action Type:	RESPONSE
Date:	08/19/2009
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0608300512
Action Type:	Other
Date:	08/06/1999
Action:	Leak Discovery
Global Id:	T0608300512
Action Type:	RESPONSE
Date:	06/22/2011
Action:	Correspondence
Global Id:	T0608300512
Action Type:	REMEDIATION
Date:	08/01/1999
Action:	Ex Situ Biological Treatment
Global Id:	T0608300512
Action Type:	REMEDIATION
Date:	01/01/2012
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0608300512
Action Type:	REMEDIATION
Date:	03/02/2010
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608300512
Action Type:	REMEDIATION
Date:	03/12/2010
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0608300512
Action Type:	Other
Date:	08/06/1999
Action:	Leak Stopped
Global Id:	T0608300512
Action Type:	RESPONSE
Date:	11/07/2011
Action:	Correspondence
Global Id:	T0608300512
Action Type:	RESPONSE
Date:	02/03/2012
Action:	Correspondence
Global Id:	T0608300512
Action Type:	RESPONSE
Date:	02/01/2012

CORNER STORE (Continued) **S105427623**

Action: Correspondence

Global Id: T0608300512
Action Type: RESPONSE
Date: 02/02/2012
Action: Other Report / Document

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 12/13/2012
Action: Closure/No Further Action Letter

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 12/12/2012
Action: LOP Case Closure Summary to RB

Global Id: T0608300512
Action Type: RESPONSE
Date: 05/18/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608300512
Action Type: RESPONSE
Date: 01/22/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 07/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 02/05/2009
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 02/02/2002
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/17/2001
Action: Site Assessment Report

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 08/22/2008
Action: Other Workplan

CORNER STORE (Continued) **S105427623**

Global Id: T0608300512
Action Type: RESPONSE
Date: 09/25/2008
Action: Other Report / Document

Global Id: T0608300512
Action Type: RESPONSE
Date: 09/30/1999
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 04/16/2003
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 11/07/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/15/2009
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/15/2009
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 02/01/2000
Action: Soil and Water Investigation Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 05/08/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 06/12/2000
Action: Site Assessment Report

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/09/2001
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE

CORNER STORE (Continued) **S105427623**

Date: 10/09/2001
Action: Other Workplan

Global Id: T0608300512
Action Type: RESPONSE
Date: 07/18/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 04/14/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 01/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 03/01/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/17/2001
Action: Site Assessment Report

Global Id: T0608300512
Action Type: RESPONSE
Date: 12/12/2012
Action: Other Report / Document

Global Id: T0608300512
Action Type: RESPONSE
Date: 12/12/2012
Action: Other Report / Document

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 07/21/2008
Action: Staff Letter

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 09/18/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 09/27/2012
Action: Staff Letter

Global Id: T0608300512
Action Type: Other
Date: 08/06/1999
Action: Leak Reported

CORNER STORE (Continued) **S105427623**

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 10/15/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 07/23/2012
Action: Staff Letter

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 05/21/2012
Action: Staff Letter

Global Id: T0608300512
Action Type: RESPONSE
Date: 07/27/2009
Action: Other Report / Document

Global Id: T0608300512
Action Type: RESPONSE
Date: 08/31/2012
Action: Correspondence

Global Id: T0608300512
Action Type: RESPONSE
Date: 11/16/2012
Action: Correspondence

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/02/2012
Action: Correspondence

Global Id: T0608300512
Action Type: RESPONSE
Date: 10/01/2012
Action: Correspondence

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: File review

Global Id: T0608300512
Action Type: ENFORCEMENT
Date: 10/01/2009
Action: Technical Correspondence / Assistance / Other

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Santa Barbara
Global ID: T0608300512
Status: Pollution Characterization

CORNER STORE (Continued) **S105427623**

Case Number:	3085
Local Case Num:	50073
Case Type:	O
Substance:	Gasoline
Quantity:	Not reported
Abatement Method:	Other
Leak Source:	UNK
Leak Cause:	Corrosion
How Stopped:	Close Tank
How Discovered:	Tank Closure
Release Date:	08/06/1999
Discovered Date:	8/6/99
Enter Date:	/ /
Stop Date:	Not reported
Review Date:	/ /
Enforce Date:	1/1/65
Close Date:	Not reported
Enforcement Type:	None Taken
Responsible Party:	JOHN VOLK
RP Address:	410 E. ARRELLAGA ST.
Contact:	Not reported
Cross Street:	Edison St
Local Agency:	42000L
Lead Agency:	Local Agency
Staff Initials:	SMS
Confirm Leak:	8/31/99
Workplan:	8/6/99
Prelim Assess:	8/31/99
Pollution Char:	02/02/2000
Remedial Plan:	Not reported
Remedial Action:	Not reported
Monitoring:	/ /
Pilot Program:	LOP
Interim Action:	Not reported
Funding:	F
MTBE Class:	A
Max MTBE Grnd Wtr:	17000
Max MTBE Soil:	Not reported
Max MTBE Data:	06/26/2002
MTBE Tested:	YES
Lat/Long:	34.610363 / -120.08012
Soil Qualifier:	Not reported
Grnd Wtr Qualifier:	=
Mtbe Concentratn:	8
Mtbe Fuel:	1
Org Name:	Not reported
Basin Plan:	Not reported
Beneficial:	Not reported
Priority:	Not reported
UST Cleanup Fund ID:	Not reported
Suspended:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Distance From Well:	0
Assigned Name:	Not reported
Summary:	Not reported

A4 **CHUMASH CALIFORNIA GAS STATION #2** **FINDS** **1016714646**
Target Property **3545 E HWY 246** **N/A**
SANTA YNEZ, CA 93460

Site 4 of 9 in cluster A

Actual: 585 ft.

FINDS:

Registry ID: 110057060157

Environmental Interest/Information System
STATE MASTER

A5 **EDR US Hist Auto Stat** **1015445601**
Target Property **3545 E HIGHWAY 246** **N/A**
SANTA YNEZ, CA 93460

Site 5 of 9 in cluster A

Actual: 585 ft.

EDR Historical Auto Stations:

Name: CORNER STATION
Year: 1999
Address: 3545 E HIGHWAY 246

Name: CORNER STATION
Year: 2000
Address: 3545 E HIGHWAY 246

Name: CORNER STATION
Year: 2002
Address: 3545 E HIGHWAY 246

Name: CORNER STATION
Year: 2004
Address: 3545 E HIGHWAY 246

Name: CORNER STATION
Year: 2005
Address: 3545 E HIGHWAY 246

Name: CORNER STATION
Year: 2006
Address: 3545 E HIGHWAY 246

A6 **CHUMASH CALIFORNIA GAS STATION #2 LLC** **HAZNET** **S113153825**
Target Property **3545 E HIGHWAY 246** **N/A**
SANTA YNEZ, CA 93460

Site 6 of 9 in cluster A

Actual: 585 ft.

HAZNET:

envid: S113153825
Year: 2013
GEPAID: CAL000336005
Contact: MARK CHELI-DIRECTOR OF TRANSP
Telephone: 8056863844
Mailing Name: Not reported

CHUMASH CALIFORNIA GAS STATION #2 LLC (Continued) **S113153825**

Mailing Address:	3400 EAST HWY 246
Mailing City,St,Zip:	SANTA YNEZ, CA 934600000
Gen County:	Santa Barbara
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1668
Facility County:	Not reported
envid:	S113153825
Year:	2009
GEPAID:	CAL000336005
Contact:	GREG PENSA
Telephone:	8053251862
Mailing Name:	Not reported
Mailing Address:	585 MCMURRAY RD
Mailing City,St,Zip:	BUELLTON, CA 934279559
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.42
Facility County:	Santa Barbara

A7 **CORNER STORE** **RGA LUST** **S114606733**
Target **3545 E HWY 246 E** **N/A**
Property **SANTA YNEZ, CA**

Site 7 of 9 in cluster A

Actual: **585 ft.**

RGA LUST:

2008	CORNER STORE	3545 E HWY 246 E	

A8 **CORNER STATION** **HIST UST** **U001586160**
Target **3545 E HIGHWAY 246** **CUPA Listings** **N/A**
Property **SANTA YNEZ, CA 93460**

Site 8 of 9 in cluster A

Actual: **585 ft.**

HIST UST:

Region:	STATE
Facility ID:	00000019217
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JOHN VOLK
Telephone:	8056884223
Owner Name:	JOHN VOLK
Owner Address:	3496 WILLOW STREET
Owner City,St,Zip:	SANTA YNEZ, CA 93460
Total Tanks:	0004
Tank Num:	001

CORNER STATION (Continued) **U001586160**

Container Num: 1
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1983
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CUPA SANTA BARBARA:
Facility Id: FA0005318
Region: SANTA BARBARA
Cross Street: EDISON
Latitude: Not reported
Longitude: Not reported
Mailing Name: VOLK, JOHN AND SHARON
Mailing Care Of: Not reported
Mailing Address: 3056 TIANA DR
Mailing City: SANTA YNEZ
Mailing State: CA
Mailing Zip Code: 93460
Record Id: PR0506714
Pe #: 2161
Current Status: 2

Facility Id: FA0013974
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: 34.6107
Longitude: -120.082
Mailing Name: S YNEZ BAND OF MISSION INDIANS

CORNER STATION (Continued) **U001586160**

Mailing Care Of:	CHUMASH GAS STATION
Mailing Address:	585 McMURRAY RD
Mailing City:	BUELLTON
Mailing State:	CA
Mailing Zip Code:	93427
Record Id:	PR0509412
Pe #:	2162
Current Status:	1
Facility Id:	FA0013974
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	34.6107
Longitude:	-120.082
Mailing Name:	S YNEZ BAND OF MISSION INDIANS
Mailing Care Of:	CHUMASH GAS STATION
Mailing Address:	585 McMURRAY RD
Mailing City:	BUELLTON
Mailing State:	CA
Mailing Zip Code:	93427
Record Id:	PR0509455
Pe #:	2201
Current Status:	1
Facility Id:	FA0013974
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	34.6107
Longitude:	-120.082
Mailing Name:	S YNEZ BAND OF MISSION INDIANS
Mailing Care Of:	CHUMASH GAS STATION
Mailing Address:	585 McMURRAY RD
Mailing City:	BUELLTON
Mailing State:	CA
Mailing Zip Code:	93427
Record Id:	PR0230073
Pe #:	2302
Current Status:	1

A9 **CHUMASH GAS STATION #2** **UST** **U004149995**
Target **3545 E HWY 246** **N/A**
Property **SANTA YNEZ, CA 93460**

Site 9 of 9 in cluster A

Actual:
585 ft.

UST:

Facility ID:	FA0013974
Permitting Agency:	SANTA BARBARA COUNTY
Latitude:	34.610686
Longitude:	-120.082118
Facility ID:	FA0013974
Permitting Agency:	SANTA BARBARA COUNTY LOP
Latitude:	34.610686
Longitude:	-120.082118

IND RES **SANTA YNEZ INDIAN RESERVATION** **INDIAN RESERV** **CIND100390**
Region **N/A**
WSW **SANTA YNEZ INDIAN RESERVA (County), CA**
1/4-1/2
1616 ft.

INDIAN RESERV:
Feature: Indian Reservation
Name: Santa Ynez Indian Reservation
Agency: BIA
State: CA

---

10 **CHUMASH GAS STATION #3** **CUPA Listings** **S111220249**
SE **990 EDISON ST** **N/A**
< 1/8 **SANTA YNEZ, CA 93460**
0.097 mi.
511 ft.

Relative:
Lower

Actual:
583 ft.

CUPA SANTA BARBARA:
Facility Id: FA0014332
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: 34.6068
Longitude: -120.095
Mailing Name: S YNEZ BAND OF MISSION INDIANS
Mailing Care Of: CHUMASH GAS STATION
Mailing Address: 585 McMURRAY RD
Mailing City: BUELLTON
Mailing State: CA
Mailing Zip Code: 93427
Record Id: PR0512555
Pe #: 2302
Current Status: 1

---

11 **SAGEBRUSH PAINTING** **CUPA Listings** **S110742878**
ENE **3595 NUMANCIA ST** **N/A**
< 1/8 **SANTA YNEZ, CA 93460**
0.114 mi.
601 ft.

Relative:
Higher

Actual:
609 ft.

CUPA SANTA BARBARA:
Facility Id: FA0013887
Region: SANTA BARBARA
Cross Street: Not reported
Latitude: Not reported
Longitude: Not reported
Mailing Name: BERNHARDT, RICHARD
Mailing Care Of: SAGEBRUSH PAINTING
Mailing Address: PO BOX 502
Mailing City: SANTA YNEZ
Mailing State: CA
Mailing Zip Code: 93460
Record Id: PR0509157
Pe #: 2201
Current Status: 1

Facility Id: FA0013887
Region: SANTA BARBARA

SAGEBRUSH PAINTING (Continued) **S110742878**

Cross Street:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	BERNHARDT, RICHARD
Mailing Care Of:	SAGEBRUSH PAINTING
Mailing Address:	PO BOX 502
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0509158
Pe #:	2100
Current Status:	2

---

12 **EDR US Hist Auto Stat** **1015149727**
North **1095 EDISON ST** **N/A**
< 1/8 **SANTA YNEZ, CA 93460**
0.122 mi.
646 ft.

Relative:
Higher

Actual:
610 ft.

EDR Historical Auto Stations:

Name:	RALPHS AUTOMOTIVE
Year:	1999
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2000
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2005
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2007
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2008
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2009
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2010
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2011
Address:	1095 EDISON ST
Name:	RALPHS AUTOMOTIVE
Year:	2012
Address:	1095 EDISON ST

13
North
1/8-1/4
0.130 mi.
684 ft.

SANTA YNEZ FEED & MILLING CO
3532 SAGUNTO ST
SANTA YNEZ, CA 93460

HIST UST **U001586189**
CUPA Listings **N/A**
SWEEPS UST

Relative:
Higher

Actual:
605 ft.

HIST UST:

Region:	STATE
Facility ID:	00000044283
Facility Type:	Other
Other Type:	ANIMAL FEEDS
Contact Name:	ALBERT Q. SPAULDING
Telephone:	8056886404
Owner Name:	SANTA YNEZ FEED & MILLING CO.,
Owner Address:	3532 SAGUNTO ST.
Owner City,St,Zip:	SANTA YNEZ, CA 93105
Total Tanks:	0001
Tank Num:	001
Container Num:	0001
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

CUPA SANTA BARBARA:

Facility Id:	FA0005313
Region:	SANTA BARBARA
Cross Street:	EDISON
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	SPAULDING, ALBERT Q
Mailing Care Of:	Not reported
Mailing Address:	3532 SAGUNTO ST
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0230086
Pe #:	2302
Current Status:	2

SWEEPS UST:

Status:	Not reported
Comp Number:	86
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported

SANTA YNEZ FEED & MILLING CO (Continued) **U001586189**

Content: Not reported
Number Of Tanks: 0

B14 **CHEVRON #9-8910** **UST** **U004149948**
NE **3595 SAGUNTO ST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.170 mi.
895 ft. **Site 1 of 5 in cluster B**

Relative:
Higher

Actual:
616 ft.

UST:
Facility ID: FA0005332
Permitting Agency: SANTA BARBARA COUNTY
Latitude: 34.6144076
Longitude: -120.078879

B15 **CHEVRON, JOHNS SERVICE** **HIST UST** **U001586171**
NE **3595 SAGUNTO ST** **SWEEPS UST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.170 mi.
895 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
616 ft.

HIST UST:
Region: STATE
Facility ID: 00000058950
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JOHN WINTHER
Telephone: 8056885716
Owner Name: JOHN WINTHER
Owner Address: 3595 SAGUNTO ST.
Owner City,St,Zip: SANTA YNEZ, CA 93460
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument

Tank Num: 002
Container Num: 2
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument

Tank Num: 003
Container Num: 3
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT

CHEVRON, JOHNS SERVICE (Continued) **U001586171**

Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument

SWEEPS UST:
Status: Active
Comp Number: 584
Number: 3
Board Of Equalization: 44-000099
Referral Date: 04-06-93
Action Date: 04-06-93
Created Date: 10-10-91
Owner Tank Id: 1
SWRCB Tank Id: 42-000-000584-000001
Tank Status: A
Capacity: 10000
Active Date: 03-03-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 584
Number: 3
Board Of Equalization: 44-000099
Referral Date: 04-06-93
Action Date: 04-06-93
Created Date: 10-10-91
Owner Tank Id: 2
SWRCB Tank Id: 42-000-000584-000002
Tank Status: A
Capacity: 10000
Active Date: 03-03-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 584
Number: 3
Board Of Equalization: 44-000099
Referral Date: 04-06-93
Action Date: 04-06-93
Created Date: 10-10-91
Owner Tank Id: 3
SWRCB Tank Id: 42-000-000584-000003
Tank Status: A
Capacity: 10000
Active Date: 03-03-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active

CHEVRON, JOHNS SERVICE (Continued) **U001586171**

Comp Number:	584
Number:	3
Board Of Equalization:	44-000099
Referral Date:	04-06-93
Action Date:	04-06-93
Created Date:	10-10-91
Owner Tank Id:	4
SWRCB Tank Id:	42-000-000584-000004
Tank Status:	A
Capacity:	500
Active Date:	03-03-92
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

B16 **SANTA YNEZ CHEVRON** **LUST S104233927**
NE **3595 SAGUNTO** **CUPA Listings N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.170 mi.
895 ft. **Site 3 of 5 in cluster B**

Relative:
Higher

Actual:
616 ft.

LUST:

Region:	STATE
Global Id:	T0608300546
Latitude:	34.613205157
Longitude:	-120.080219869
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/08/2013
Lead Agency:	SANTA BARBARA COUNTY LOP
Case Worker:	CSB
Local Agency:	SANTA BARBARA COUNTY LOP
RB Case Number:	3119
LOC Case Number:	50584
File Location:	Stored electronically as an E-file
Potential Media Affect:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Gasoline
Site History:	Sept 1997 #3 USTs, piping and DIs removed from south side of building URF evident impacts noted at SW corner of UST pit and under DI. Oct 2000 SA #6 soil borings and #3 completed as MWs (B1:MW1, B3:MW2, B4:MW3) B2, 5, 6 abandoned using bentonite grout. GW findings: a thin saturated GW interval was found at 40 43 ft bgs perched on a silt horizon (Zone A); a semi confined GW interval was found at 63 ft bgs (Zone B); Wells were screened (direction of LUFT?) in only the deeper semi-confined water bearing horizon only. Determination of semi-confined based upon GW observed to rise to a static depth of 59 62 ft bgs at the time of drilling; Impacts adsorbed phase appear to be mostly in B1(MW1) in UST area lesser impacts in B4(MW3) & B5 located to SE & E; Migration vertically a concern due to DTW variation of 10 ft or so over 10 years. Water samples have show Benzene & MTBE, EDC above MCLs; Jan 2002 LUFT required more SA Work Plan dated March 2002; March 2003 LUFT conditionally approved and required addendum Addendum dated May 2003 Jan 2004 Field work proceeded 3/4/2005 Additional SA Rpt: #11 HSA borings B7-11 A&B, & B12; shallow A were to collect only grab samples of shallow water (Zone A) and deep B were to collect soil & GW; DMIM believes that data from B7,8,9 show #2 distinct GW zones (A & B) A found between 43

SANTA YNEZ CHEVRON (Continued) **S104233927**

44.75 ft bgs & B at 56-60 ft bgs shallow GW NOT found in B10 & B11; B12A (shallow gw grab) located Se of former UST pit had the MAX impacts TPHg=70,000, Benz=2900, Toluene=4400, Ethyl benzene=1900, Xylenes= 11,000, MTBE= 56, EDC= 84 all in ug/L(ppb).; E Lateral extent of shallow (Zone A) GW impacts (43-44.75 ft) 6 ft to N, NO GW found at this depth to NW, SW, SE (B11A, B9A, B8A) NOT delineated to the E (B5A had Benz = 95 ug/L during initial SA; Lateral Extent of deep (Zone B) GW impacts delineated to SW (B10B) , NW (B11B), N (B7B), SE (B8B), NOT to S (B9B) EDC=1.8 ug/L 8/17/2007 LUFT directed more Sa MW sot delineate the extent of impacts to the south Work Plan dated 9/21/2007 2 sets of clustered wells north & south of former UST to assess both Zone A & Zone B FUND denied cost pre-approval thus work NOT done. Mtg w/LUFT 3/19/2007: RIFS / Rap dated 4/24/2007 LUFT required addendum info submitted Addendum 8/17/2007 conditionally approved by LUFT on 10/17/2007 - FUND denied cost pre-approval thus work NOT done 6/16/09 LUFT required SRS and thus rpt dated 4/6/2010 COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

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

Contact:

Global Id:	T0608300546
Contact Type:	Local Agency Caseworker
Contact Name:	Closed Santa Barbara Co LOP Sites
Organization Name:	SANTA BARBARA COUNTY LOP
Address:	2125 S. Centerpointe Parkway, Suite #333
City:	Santa Maria
Email:	paul.mccaw@sbcphd.org
Phone Number:	8053468359

Status History:

Global Id:	T0608300546
Status:	Completed - Case Closed
Status Date:	03/08/2013
Global Id:	T0608300546
Status:	Open - Case Begin Date
Status Date:	09/18/1997
Global Id:	T0608300546
Status:	Open - Remediation
Status Date:	10/16/2000
Global Id:	T0608300546
Status:	Open - Site Assessment
Status Date:	10/07/1997
Global Id:	T0608300546
Status:	Open - Site Assessment
Status Date:	10/16/2000

Regulatory Activities:

Global Id:	T0608300546
Action Type:	ENFORCEMENT
Date:	04/30/2010
Action:	File Review - Closure

SANTA YNEZ CHEVRON (Continued) **S104233927**

Global Id: T0608300546
Action Type: RESPONSE
Date: 08/17/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608300546
Action Type: Other
Date: 09/18/1997
Action: Leak Discovery

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/23/2011
Action: Correspondence

Global Id: T0608300546
Action Type: REMEDIATION
Date: 10/17/2007
Action: Soil Vapor Extraction (SVE)

Global Id: T0608300546
Action Type: REMEDIATION
Date: 09/17/1997
Action: Excavation

Global Id: T0608300546
Action Type: RESPONSE
Date: 06/29/2011
Action: Correspondence

Global Id: T0608300546
Action Type: RESPONSE
Date: 10/05/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 01/14/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 04/29/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 04/24/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 02/19/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE

SANTA YNEZ CHEVRON (Continued) **S104233927**

Date: 10/18/2001
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 11/07/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 04/20/2001
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 07/19/2001
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 04/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 07/11/2002
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 07/02/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 12/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 10/05/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 01/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0608300546
Action Type: RESPONSE
Date: 10/20/2003
Action: Monitoring Report - Quarterly

SANTA YNEZ CHEVRON (Continued) **S104233927**

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 05/16/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/15/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608300546
Action Type: RESPONSE
Date: 11/16/1997
Action: Preliminary Site Assessment Report

Global Id: T0608300546
Action Type: RESPONSE
Date: 11/16/1997
Action: Preliminary Site Assessment Report

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 11/13/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 06/28/2012
Action: Staff Letter

Global Id: T0608300546
Action Type: RESPONSE
Date: 11/16/1997
Action: Preliminary Site Assessment Report

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/05/2002
Action: Soil and Water Investigation Workplan

Global Id: T0608300546
Action Type: RESPONSE
Date: 02/05/2001
Action: Soil and Water Investigation Report

Global Id: T0608300546
Action Type: RESPONSE
Date: 08/12/1999
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/05/2002
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE

SANTA YNEZ CHEVRON (Continued) **S104233927**

Date: 05/14/2003
Action: Other Report / Document

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 02/24/2009
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Notification - Fee Title Owners Notice

Global Id: T0608300546
Action Type: Other
Date: 09/18/1997
Action: Leak Reported

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/12/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/12/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/12/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/07/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/12/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 03/12/2013
Action: Other Report / Document

Global Id: T0608300546
Action Type: RESPONSE
Date: 08/29/2012
Action: Fact Sheets - Public Participation

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 10/17/2007
Action: Staff Letter

SANTA YNEZ CHEVRON (Continued) **S104233927**

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 03/11/2013
Action: LOP Case Closure Summary to RB

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 03/11/2013
Action: Closure/No Further Action Letter

Global Id: T0608300546
Action Type: ENFORCEMENT
Date: 09/16/2009
Action: Technical Correspondence / Assistance / Other

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Santa Barbara
Global ID: T0608300546
Status: Remedial action (cleanup) Underway
Case Number: 3119
Local Case Num: 50584
Case Type: S
Substance: Gasoline
Quantity: Not reported
Abatement Method: Other
Leak Source: UNK
Leak Cause: UNK
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 09/18/1997
Discovered Date: 9/18/97
Enter Date: / /
Stop Date: Not reported
Review Date: / /
Enforce Date: 1/1/65
Close Date: Not reported
Enforcement Type: None Taken
Responsible Party: JOHN WINTHER
RP Address: PO BOX 191
Contact: Not reported
Cross Street: Not reported
Local Agency: 42000L
Lead Agency: Local Agency
Staff Initials: SMS
Confirm Leak: 10/7/97
Workplan: Not reported
Prelim Assess: 10/7/97
Pollution Char: 10/16/2000
Remedial Plan: Not reported
Remedial Action: 10/16/00
Monitoring: / /
Pilot Program: LOP
Interim Action: Not reported
Funding: F

SANTA YNEZ CHEVRON (Continued) **S104233927**

MTBE Class: C
Max MTBE Grnd Wtr: 7
Max MTBE Soil: Not reported
Max MTBE Data: 03/21/2002
MTBE Tested: YES
Lat/Long: 34.6128709 / -120.0802091
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 6
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: Not reported
Beneficial: Not reported
Priority: 2A4
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: SANTA YNEZ RIVER WATER CONS. DIST. ID#1
Well Name: WELL 02
Distance From Well: 0
Assigned Name: 06N/30W-07Q06 S
Summary: Not reported

CUPA SANTA BARBARA:

Facility Id: FA0005332
Region: SANTA BARBARA
Cross Street: FARADAY
Latitude: 34.6132
Longitude: -120.08
Mailing Name: WINTHER, JOHN
Mailing Care Of: Not reported
Mailing Address: PO BOX 191
Mailing City: SANTA YNEZ
Mailing State: CA
Mailing Zip Code: 93460
Record Id: PR0220584
Pe #: 2201
Current Status: 1

Facility Id: FA0005332
Region: SANTA BARBARA
Cross Street: FARADAY
Latitude: 34.6132
Longitude: -120.08
Mailing Name: WINTHER, JOHN
Mailing Care Of: Not reported
Mailing Address: PO BOX 191
Mailing City: SANTA YNEZ
Mailing State: CA
Mailing Zip Code: 93460
Record Id: PR0230584
Pe #: 2302
Current Status: 1

Facility Id: FA0005332
Region: SANTA BARBARA
Cross Street: FARADAY

SANTA YNEZ CHEVRON (Continued) **S104233927**

Latitude:	34.6132
Longitude:	-120.08
Mailing Name:	WINTHER, JOHN
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 191
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0505949
Pe #:	2161
Current Status:	1
Facility Id:	FA0005332
Region:	SANTA BARBARA
Cross Street:	FARADAY
Latitude:	34.6132
Longitude:	-120.08
Mailing Name:	WINTHER, JOHN
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 191
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0505854
Pe #:	2253
Current Status:	4

B17 **EDR US Hist Auto Stat** **1015447484**
NE **3595 SAGUNTO ST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.170 mi.
895 ft. **Site 4 of 5 in cluster B**

Relative:
Higher

Actual:
616 ft.

EDR Historical Auto Stations:

Name:	J WINTHER CHEVRON
Year:	2005
Address:	3595 SAGUNTO ST
Name:	SANTA YNEZ CHEVRON
Year:	2006
Address:	3595 SAGUNTO ST
Name:	JOHNS CHEVRON SERVICE
Year:	2007
Address:	3595 SAGUNTO ST
Name:	SANTA YNEZ CHEVRON
Year:	2008
Address:	3595 SAGUNTO ST
Name:	CHEVRON
Year:	2012
Address:	3595 SAGUNTO ST

B18
NE
1/8-1/4
0.176 mi.
930 ft.

SAGUNTO & FARADAY
SANTA YNEZ, CA 93460

Site 5 of 5 in cluster B

EDR US Hist Auto Stat **1015722416**
N/A

Relative:
Higher

Actual:
617 ft.

EDR Historical Auto Stations:

Name:	CHEVRON
Year:	2011
Address:	SAGUNTO & FARADAY

19
NNE
1/8-1/4
0.203 mi.
1071 ft.

3580 MANZANA ST
SANTA YNEZ, CA 93460

EDR US Hist Auto Stat **1015447073**
N/A

Relative:
Higher

Actual:
614 ft.

EDR Historical Auto Stations:

Name:	WADES CAR BARN
Year:	2001
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2002
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2003
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2004
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2005
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2006
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2007
Address:	3580 MANZANA ST
Name:	WADES CAR BARN
Year:	2008
Address:	3580 MANZANA ST

C20 **SY RIVER WATER CONSERVATION** **HIST UST** **U001586187**
NE **3622 SAGUNTO ST** **CUPA Listings** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.211 mi.
1115 ft. **Site 1 of 3 in cluster C**

Relative:
Higher

Actual:
615 ft.

HIST UST:

Region:	STATE
Facility ID:	00000032818
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	THOMAS M. PETERSEN
Telephone:	8056886015
Owner Name:	SANTA YNEZ RIVER WATER CONSERV
Owner Address:	3622 SAGUNTO STREET
Owner City,St,Zip:	SANTA YNEZ, CA 93460
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

CUPA SANTA BARBARA:

Facility Id:	FA0014072
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	SY RIVER WATER CONSERVATION
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 157
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0511304
Pe #:	2161
Current Status:	1
Facility Id:	FA0014072
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	SY RIVER WATER CONSERVATION
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 157
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0511457
Pe #:	1701
Current Status:	2

D21 **SANTA YNEZ VALLEY AIRPORT** **SWF/LF** **S106091928**
SE **900 AIRPORT RD** **NPDES** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460** **CUPA Listings**
0.216 mi. **WDS**
1142 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
666 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	42-CR-0014
Lat/Long:	34.6073799 / -120.06786
Owner Name:	County Of Santa Barbara Public Works Dep
Owner Telephone:	8058823600
Owner Address:	Resource Recovery & Waste Management Div
Owner Address2:	130 E. Victoria Street, Suite 100
Owner City,St,Zip:	Santa Barbara, CA 93101
Operational Status:	Closed
Operator:	County Of Santa Barbara Public Works Dep
Operator Phone:	8058823600
Operator Address:	Resource Recovery & Waste Management Div
Operator Address2:	130 E. Victoria Street, Suite 100
Operator City,St,Zip:	Santa Barbara, CA 93101
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	0
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Not reported
GIS Source:	External
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Semiannual
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	0
SWIS Num:	42-CR-0014
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	0
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	0
Remaining Capacity:	0
Remaining Capacity with Units:	Not reported
Lat/Long:	34.6073799 / -120.06786

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	3
Regulatory Measure Id:	434070
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	3 42C365428
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/22/2013
Expiration Date Of Regulatory Measure:	Not reported

SANTA YNEZ VALLEY AIRPORT (Continued) **S106091928**

Termination Date Of Regulatory Measure:	01/31/2014
Discharge Name:	County of Santa Barbara
Discharge Address:	912 West Foster Road
Discharge City:	Santa Maria
Discharge State:	California
Discharge Zip:	93455
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	3
Regulatory Measure Id:	186160
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	3 42I011348
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/19/1995
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Santa Ynez Valley Airport Inc
Discharge Address:	900 Airport Rd
Discharge City:	Santa Ynez
Discharge State:	California
Discharge Zip:	93460

CUPA SANTA BARBARA:

Facility Id:	FA0011964
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	34.6089
Longitude:	-120.078
Mailing Name:	SANTA YNEZ VALLEY AIRPORT AUTH
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 1572
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0504270
Pe #:	2302
Current Status:	1
Facility Id:	FA0011964
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	34.6089
Longitude:	-120.078
Mailing Name:	SANTA YNEZ VALLEY AIRPORT AUTH
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 1572
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0508705
Pe #:	2202
Current Status:	1

SANTA YNEZ VALLEY AIRPORT (Continued) **S106091928**

Facility Id:	FA0011964
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	34.6089
Longitude:	-120.078
Mailing Name:	SANTA YNEZ VALLEY AIRPORT AUTH
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 1572
Mailing City:	SANTA YNEZ
Mailing State:	CA
Mailing Zip Code:	93460
Record Id:	PR0212039
Pe #:	2161
Current Status:	1

WDS:

Facility ID:	Central Coastal 42I011348
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	3
Facility Telephone:	8056888390
Facility Contact:	MANAGER
Agency Name:	SANTA YNEZ VALLEY AIRPORT INC
Agency Address:	900 Airport Rd
Agency City,St,Zip:	Santa Ynez 934609470
Agency Contact:	MANAGER
Agency Telephone:	8056888390
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best

SANTA YNEZ VALLEY AIRPORT (Continued) **S106091928**

management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

D22 **SANTA YNEZ VALLEY AIRPORT** **UST** **U003786926**
SE **900 AIRPORT RD** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.216 mi.
1142 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
666 ft.

UST:

Facility ID:	FA0011964
Permitting Agency:	Not reported
Latitude:	34.608408
Longitude:	-120.073579

Facility ID:	FA0011964
Permitting Agency:	SANTA BARBARA COUNTY
Latitude:	34.608408
Longitude:	-120.073579

C23 **NOHR'S AUTO HAUS - CLSD** **CUPA Listings** **S102814791**
NE **3630 SAGUNTO ST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.225 mi.
1186 ft. **Site 2 of 3 in cluster C**

Relative:
Higher

Actual:
612 ft.

CUPA SANTA BARBARA:

Facility Id:	FA0005357
Region:	SANTA BARBARA
Cross Street:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Mailing Name:	NOHR'S AUTO HAUS INC
Mailing Care Of:	Not reported
Mailing Address:	PO BOX 159
Mailing City:	BUELLTON
Mailing State:	CA
Mailing Zip Code:	93427
Record Id:	PR0221229
Pe #:	2202
Current Status:	2

C24 **EDR US Hist Auto Stat** **1015450430**
NE **3630 SAGUNTO ST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.225 mi.
1186 ft. **Site 3 of 3 in cluster C**

Relative:
Higher

Actual:
612 ft.

EDR Historical Auto Stations:

Name:	NOHRS AUTO HAUS
Year:	2002
Address:	3630 SAGUNTO ST

(Continued) **1015450430**

Name: NOHRS AUTO HAUS INC
Year: 2003
Address: 3630 SAGUNTO ST

Name: NOHRS AUTO HAUS
Year: 2004
Address: 3630 SAGUNTO ST

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25 **SANTA YNEZ FIRE STATION #32** **HIST UST** **U001586190**
NW **1133 CUESTA ST** **N/A**
1/8-1/4 **SANTA YNEZ, CA 93460**
0.248 mi.
1311 ft.

Relative:
Higher

Actual:
596 ft.

HIST UST:
Region: STATE
Facility ID: 00000060824
Facility Type: Other
Other Type: FIRE STATION
Contact Name: Not reported
Telephone: 8059637115
Owner Name: COUNTY OF SANTA BARBARA, 8610
Owner Address: 123 E. ANAPAMU
Owner City,St,Zip: SANTA BARBARA, CA 93101
Total Tanks: 0002

Tank Num: 001
Container Num: 33
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 34
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

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26 **COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION** **SCH** **S111290790**
North **3532 CEDAR STREET** **HAZNET** **N/A**
1/4-1/2 **SANTA YNEZ, CA 93460** **ENVIROSTOR**
0.429 mi.
2263 ft.

Relative:
Higher

Actual:
628 ft.

SCH:
Facility ID: 60001567
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

Acres:	0.75
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Rana Georges
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304634
Assembly:	37
Senate:	19
Special Program Status:	Not reported
Status:	Certified
Status Date:	04/25/2014
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	34.61731
Longitude:	-120.0823
APN:	143-350-024, 143-350-025, 143-350-028
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, JUNKYARD, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RESIDENTIAL AREA
Potential COC:	Chlordane, Lead, Toxaphene, TPH-MOTOR OIL, Dieldrin
Confirmed COC:	Chlordane, Lead, Dieldrin, TPH-MOTOR OIL, Toxaphene
Potential Description:	SOIL
Alias Name:	College Elementary School
Alias Type:	Alternate Name
Alias Name:	College School Expanasion
Alias Type:	Alternate Name
Alias Name:	College School Playground Expansion
Alias Type:	Alternate Name
Alias Name:	College School Site
Alias Type:	Alternate Name
Alias Name:	Planned School Expansion
Alias Type:	Alternate Name
Alias Name:	Santa Ynez Planned School Expansion Site
Alias Type:	Alternate Name
Alias Name:	143-350-024
Alias Type:	APN
Alias Name:	143-350-025
Alias Type:	APN
Alias Name:	143-350-028
Alias Type:	APN
Alias Name:	304634
Alias Type:	Project Code (Site Code)
Alias Name:	60001567
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/06/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	12/14/2011

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

Comments: Fully executed EOA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/20/2012
Comments: Fully executed SCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/28/2013
Comments: NOE finalized and request sent out (along copy of NOE) to OPEA to file with SCH.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 11/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/10/2012
Comments: DTSC approved the PEA with Further Action Determination as recommended in the PEA Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 03/07/2012
Comments: DTSC approved the PEA Tech Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/04/2012
Comments: DTSC concurred with sampling plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/19/2012
Comments: DTSC approved the SSI Report with a Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/28/2013
Comments: DTSC approved the Final RAW for implementation. District’s tentative

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

implementation schedule is set for end of July.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/17/2013
Comments: Approved Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/20/2013
Comments: DTSC approved fact sheet.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/20/2013
Comments: Public Notice approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/28/2013
Comments: DTSC approved the Removal Action Completion Report. No further action is deemed following the removal of OCP impacted soil at the site. Soil removal was complete, confirmation samples indicated that all samples were below the cleanup goals established in the RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/29/2013
Comments: Work notice completed prior field work.

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

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

HAZNET:

envid:	S111290790
Year:	2013
GEPAID:	CAC002738073
Contact:	JAMES BROWN
Telephone:	8056867300
Mailing Name:	Not reported
Mailing Address:	3325 PINE ST
Mailing City,St,Zip:	SANTA YNEZ, CA 934609430
Gen County:	Santa Barbara
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	44.84
Facility County:	Not reported

ENVIROSTOR:

Facility ID:	60001567
Status:	Certified
Status Date:	04/25/2014
Site Code:	304634
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	0.75
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Rana Georges
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	37
Senate:	19
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.61731
Longitude:	-120.0823
APN:	143-350-024, 143-350-025, 143-350-028
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, JUNKYARD, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RESIDENTIAL AREA
Potential COC:	Chlordane Lead Toxaphene TPH-MOTOR OIL Dieldrin
Confirmed COC:	Chlordane Lead Dieldrin TPH-MOTOR OIL Toxaphene
Potential Description:	SOIL
Alias Name:	College Elementary School
Alias Type:	Alternate Name
Alias Name:	College School Expanasion
Alias Type:	Alternate Name
Alias Name:	College School Playground Expansion
Alias Type:	Alternate Name
Alias Name:	College School Site
Alias Type:	Alternate Name
Alias Name:	Planned School Expansion
Alias Type:	Alternate Name

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

Alias Name: Santa Ynez Planned School Expansion Site
Alias Type: Alternate Name
Alias Name: 143-350-024
Alias Type: APN
Alias Name: 143-350-025
Alias Type: APN
Alias Name: 143-350-028
Alias Type: APN
Alias Name: 304634
Alias Type: Project Code (Site Code)
Alias Name: 60001567
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/14/2011
Comments: Fully executed EOA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/20/2012
Comments: Fully executed SCA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/28/2013
Comments: NOE finalized and request sent out (along copy of NOE) to OPEA to file with SCH.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 11/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/10/2012
Comments: DTSC approved the PEA with Further Action Determination as recommended in the PEA Report.

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 03/07/2012
Comments: DTSC approved the PEA Tech Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/04/2012
Comments: DTSC concurred with sampling plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/19/2012
Comments: DTSC approved the SSI Report with a Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/28/2013
Comments: DTSC approved the Final RAW for implementation. District's tentative implementation schedule is set for end of July.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/17/2013
Comments: Approved Community Profile

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/20/2013
Comments: DTSC approved fact sheet.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/20/2013
Comments: Public Notice approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COLLEGE SCHOOL DISTRICT PLANNED SCHOOL EXPANSION (Continued) **S111290790**

Completed Document Type:	Removal Action Completion Report
Completed Date:	10/28/2013
Comments:	DTSC approved the Removal Action Completion Report. No further action is deemed following the removal of OCP impacted soil at the site. Soil removal was complete, confirmation samples indicated that all samples were below the cleanup goals established in the RAW.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	07/29/2013
Comments:	Work notice completed prior field work.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

27
WSW
1/2-1
0.794 mi.
4193 ft.

LOMPOC SPORTSMAN ASSOCIATION **ENVIROSTOR** **S101661349**
3145 HIGHWAY 246 **N/A**
SANTA YNEZ, CA 93438

Relative:
Higher

Actual:
608 ft.

ENVIROSTOR:

Facility ID:	42990001
Status:	Refer: Other Agency
Status Date:	05/06/1998
Site Code:	300557
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	37
Senate:	19
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.60736
Longitude:	-120.0950
APN:	141-201-018
Past Use:	NONE SPECIFIED
Potential COC:	Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	REID ALEXANDER - OWNER
Alias Type:	Alternate Name

LOMPOC SPORTSMAN ASSOCIATION (Continued) **S101661349**

Alias Name:	141-201-018
Alias Type:	APN
Alias Name:	CA0001095942
Alias Type:	EPA Identification Number
Alias Name:	300557
Alias Type:	Project Code (Site Code)
Alias Name:	42990001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	09/19/1996
Comments:	Preliminary Assessment completed under U.S. EPA grant. Lead contamination is found onsite and is being addressed under a corrective action agreement with Santa Barbara Fire Dept. Haz. Mat. It is suggested that site be reevaluated aftr competion of this corrective action.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/02/1995
Comments:	Letter sent requesting PEA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	11/22/1994
Comments:	Santa Barbara County notifies the owner of the property (Mr. Reid Alexander, 150 Avocado Place, Camarillo, CA, 93010, (805) 987-1640) and Association President (Jeanne Daniels, PO Box 572, Lompoc, CA, 93438) that samples taken from a firing range mound showed a lead concentration of 2,700 mg/kg.

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

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
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: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

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: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/16/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

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

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

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

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

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

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

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

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

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

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

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

LUST: Geotracker's Leaking Underground Fuel Tank Report

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

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

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

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

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

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

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

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

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

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

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

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

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

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 04/04/2015
Date Data Arrived at EDR: 04/07/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 6

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

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: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Quarterly

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: 03/11/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/12/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

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

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

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

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

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

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

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

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

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

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 69

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/28/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

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

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

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

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

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

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
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: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

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

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/27/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

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: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Semi-Annually

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009
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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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

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

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

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

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

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

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

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: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

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: 02/27/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
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: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

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

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: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Biennially

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 10
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

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

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

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

Date of Government Version: 01/26/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

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

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

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

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/18/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

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

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

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

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 25

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

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: 02/17/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 11

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

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: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
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: 01/16/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

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: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

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

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/05/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 5

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

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

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

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

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 7

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/24/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/10/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 19

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

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

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 7

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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

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

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/19/2015
Date Data Arrived at EDR: 01/20/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

Site Mitigation List

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

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

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

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 12

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

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

Date of Government Version: 03/20/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

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

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 4

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 33

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

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

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

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

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

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

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

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

Date of Government Version: 03/24/2015
Date Data Arrived at EDR: 03/25/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 6
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 7
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

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

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/16/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

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

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 7
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

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

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

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/26/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 8

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/09/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/03/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 24

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/27/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011
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: 04/02/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Medical Waste Program List

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

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 32

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 12

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015
Date Data Arrived at EDR: 02/04/2015
Date Made Active in Reports: 02/27/2015
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/04/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

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

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

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

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

APN 143-251-003/004
3545 HIGHWAY 246
SANTA YNEZ, CA 93460

TARGET PROPERTY COORDINATES

Latitude (North):	34.611 - 34° 36' 39.60''
Longitude (West):	120.0821 - 120° 4' 55.56''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	767564.6
UTM Y (Meters):	3833581.2
Elevation:	585 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34120-E1 SANTA YNEZ, CA
Most Recent Revision:	1978
North Map:	34120-F1 LOS OLIVOS, CA
Most Recent Revision:	1982

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

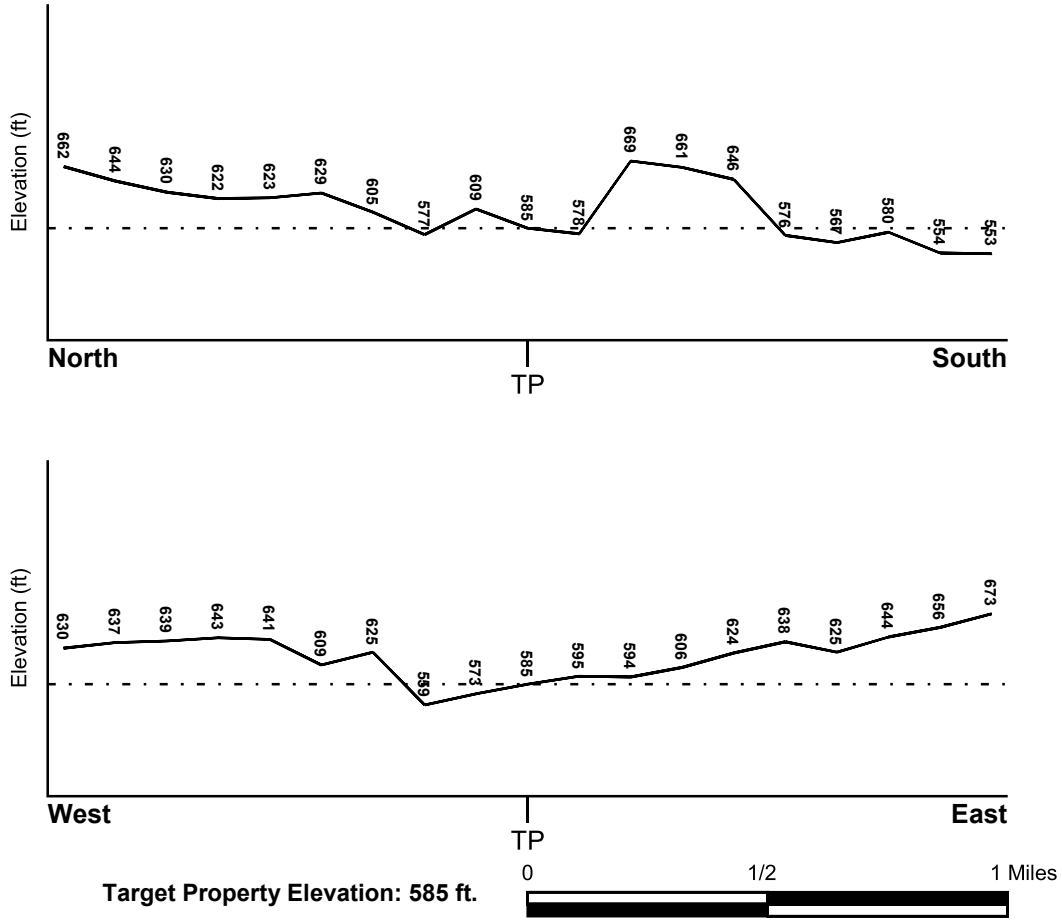
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SANTA BARBARA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06083C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SANTA YNEZ	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

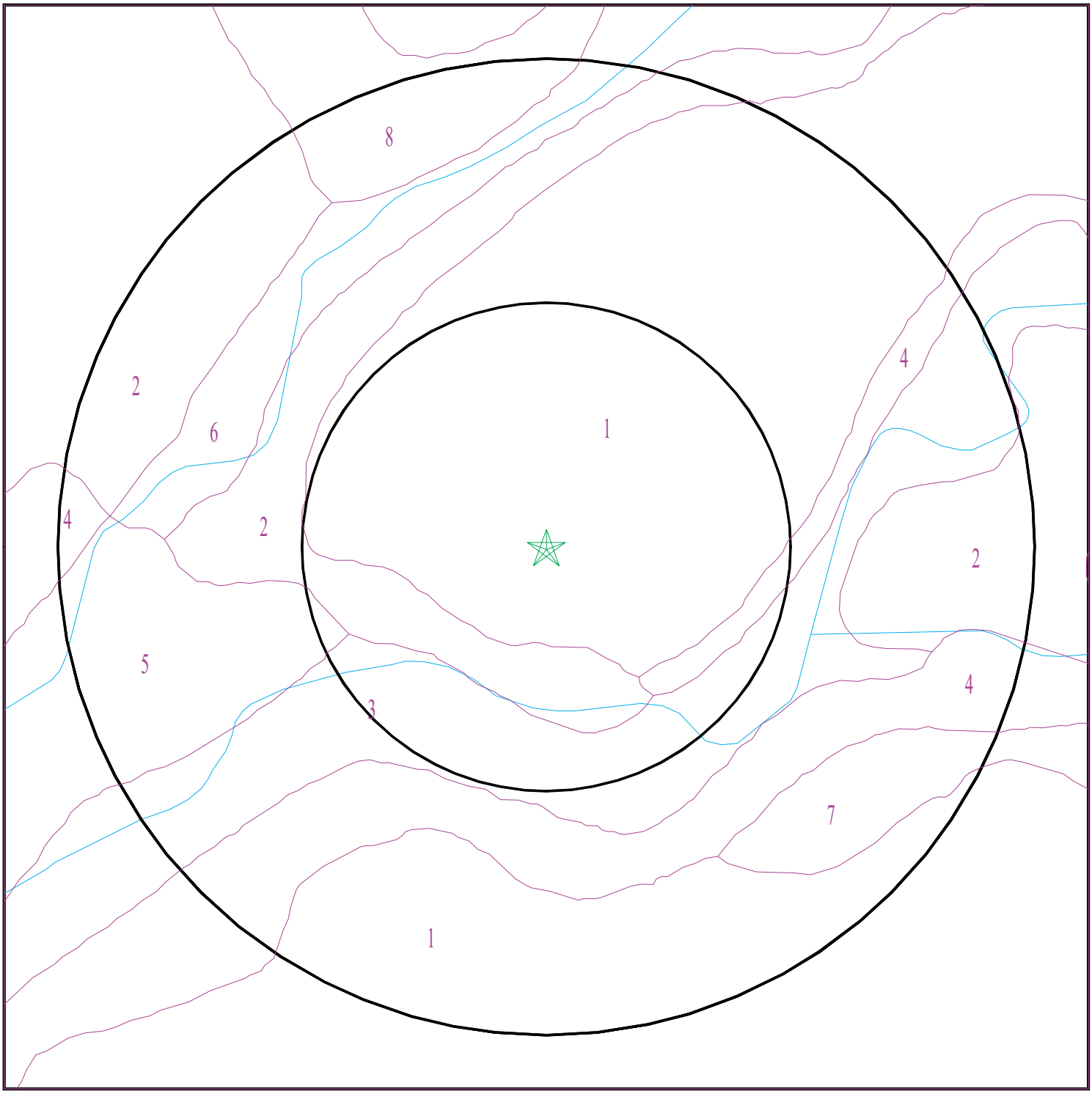
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tpc *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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 - 04276427.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	APN 143-251-003/004	CLIENT:	Rincon
ADDRESS:	3545 Highway 246 Santa Ynez CA 93460	CONTACT:	Ariel Namm
LAT/LONG:	34.611 / 120.0821	INQUIRY #:	04276427.2r
		DATE:	April 27, 2015 4:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Positas

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 5.6
2	20 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 5.6
3	48 inches	59 inches	very gravelly clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.6

Soil Map ID: 2

Soil Component Name: Santa Ynez

Soil Surface Texture: gravelly fine 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

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.1
2	25 inches	31 inches	gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.6
3	31 inches	59 inches	very gravelly clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6

Soil Map ID: 3

Soil Component Name: Elder

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	22 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	35 inches	72 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: Terrace escarpments

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Ballard

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.6
2	18 inches	44 inches	gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	44 inches	72 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 14	Max: 6.5 Min: 5.6

Soil Map ID: 6

Soil Component Name: Elder

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	22 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	35 inches	72 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6

Soil Map ID: 7

Soil Component Name: Positas

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 5.6
2	20 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 7.3 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	48 inches	59 inches	very gravelly clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4 Min: 1.4	Max: 6 Min: 5.6

Soil Map ID: 8

Soil Component Name: Santa Ynez

Soil Surface Texture: gravelly fine 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

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 5.1
2	25 inches	31 inches	gravelly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 6 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	31 inches	59 inches	very gravelly clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

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	LOCATION FROM TP
A1	USGS40000148351	0 - 1/8 Mile SE
A2	USGS40000148352	0 - 1/8 Mile SE
B3	USGS40000148391	0 - 1/8 Mile NNW
A4	USGS40000148350	0 - 1/8 Mile East
C5	USGS40000148289	0 - 1/8 Mile South
A6	USGS40000148307	0 - 1/8 Mile SE
B7	USGS40000148414	0 - 1/8 Mile North
D8	USGS40000148396	0 - 1/8 Mile NE
D9	USGS40000148375	0 - 1/8 Mile ENE
D10	USGS40000148376	0 - 1/8 Mile ENE
C11	USGS40000148273	0 - 1/8 Mile SSE
E12	USGS40000148308	0 - 1/8 Mile SW
D13	USGS40000148395	1/8 - 1/4 Mile NE
14	USGS40000148443	1/8 - 1/4 Mile NNW
F15	USGS40000148262	1/8 - 1/4 Mile SSE
F16	USGS40000148272	1/8 - 1/4 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
17	USGS40000148390	1/8 - 1/4 Mile ENE
E18	USGS40000148309	1/8 - 1/4 Mile WSW
G19	USGS40000148368	1/8 - 1/4 Mile West
20	USGS40000148460	1/8 - 1/4 Mile NW
G21	USGS40000148354	1/8 - 1/4 Mile West
G22	USGS40000148353	1/8 - 1/4 Mile West
H23	USGS40000148498	1/8 - 1/4 Mile NNE
I24	USGS40000148274	1/8 - 1/4 Mile WSW
J25	USGS40000148459	1/8 - 1/4 Mile NE
26	USGS40000148349	1/8 - 1/4 Mile East
I28	USGS40000148290	1/4 - 1/2 Mile WSW
J29	USGS40000148510	1/4 - 1/2 Mile NE
30	USGS40000148511	1/4 - 1/2 Mile NW
L32	USGS40000148377	1/4 - 1/2 Mile West
L33	USGS40000148378	1/4 - 1/2 Mile West
K34	USGS40000148509	1/4 - 1/2 Mile NE
K35	USGS40000148488	1/4 - 1/2 Mile NE
L36	USGS40000148397	1/4 - 1/2 Mile WNW
K37	USGS40000148496	1/4 - 1/2 Mile NE
K38	USGS40000148497	1/4 - 1/2 Mile NE
39	USGS40000148578	1/4 - 1/2 Mile North
K40	USGS40000148546	1/4 - 1/2 Mile NE
M41	USGS40000148564	1/4 - 1/2 Mile NNW
46	USGS40000148610	1/4 - 1/2 Mile North
47	USGS40000148275	1/4 - 1/2 Mile WSW
48	USGS40000148211	1/4 - 1/2 Mile WSW
N49	USGS40000148653	1/4 - 1/2 Mile NNW
O50	USGS40000148702	1/2 - 1 Mile North
N51	USGS40000148703	1/2 - 1 Mile NNW
P52	USGS40000148329	1/2 - 1 Mile West
53	USGS40000148652	1/2 - 1 Mile NE
O55	USGS40000148728	1/2 - 1 Mile North
56	USGS40000148143	1/2 - 1 Mile SW
57	USGS40000148389	1/2 - 1 Mile East
P58	USGS40000148277	1/2 - 1 Mile West
P59	USGS40000148276	1/2 - 1 Mile West
60	USGS40000148712	1/2 - 1 Mile NNW
61	USGS40000148745	1/2 - 1 Mile NNW
62	USGS40000148758	1/2 - 1 Mile North
63	USGS40000148255	1/2 - 1 Mile WSW
64	USGS40000148670	1/2 - 1 Mile NW
Q65	USGS40000148654	1/2 - 1 Mile NW
Q66	USGS40000148655	1/2 - 1 Mile NW
67	USGS40000148235	1/2 - 1 Mile WSW
68	USGS40000148199	1/2 - 1 Mile ESE
69	USGS40000148158	1/2 - 1 Mile ESE
70	USGS40000148470	1/2 - 1 Mile WNW
71	USGS40000148149	1/2 - 1 Mile WSW
72	USGS40000148557	1/2 - 1 Mile WNW
R73	USGS40000148291	1/2 - 1 Mile West
74	USGS40000148830	1/2 - 1 Mile NNW
75	USGS40000148094	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
76	USGS40000148242	1/2 - 1 Mile West
77	USGS40000148817	1/2 - 1 Mile NE
R78	USGS40000148263	1/2 - 1 Mile West
S79	USGS40000147895	1/2 - 1 Mile SW
S80	USGS40000147913	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

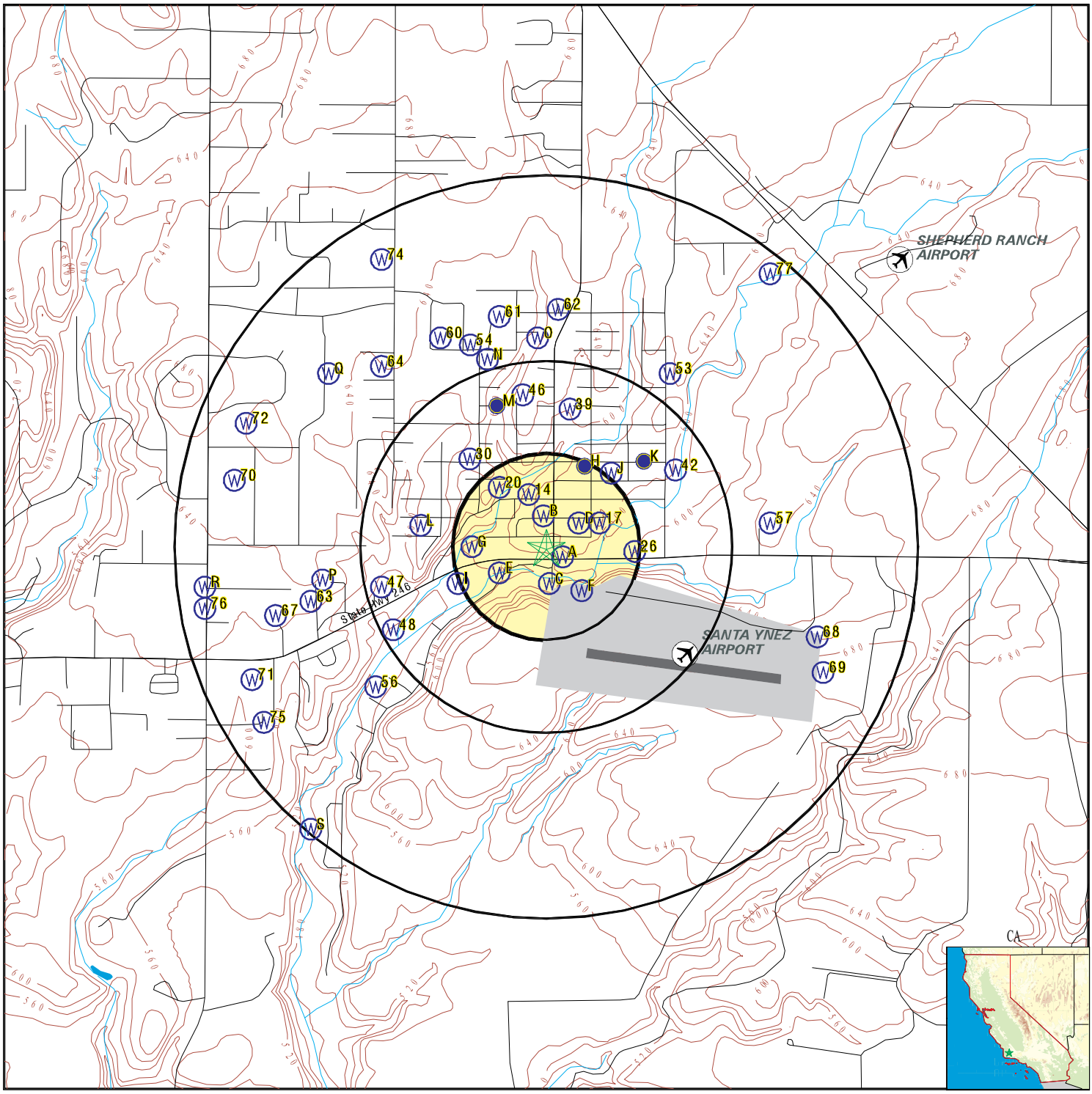
MAP ID	WELL ID	LOCATION FROM TP
H27	CA2000830	1/4 - 1/2 Mile NNE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K31	CADW50000007899	1/4 - 1/2 Mile NE
42	CADW50000007897	1/4 - 1/2 Mile ENE
M43	6799	1/4 - 1/2 Mile NNW
M44	6784	1/4 - 1/2 Mile NNW
M45	6783	1/4 - 1/2 Mile NNW
54	6782	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 04276427.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: APN 143-251-003/004	CLIENT: Rincon
ADDRESS: 3545 Highway 246	CONTACT: Ariel Namm
Santa Ynez CA 93460	INQUIRY #: 04276427.2r
LAT/LONG: 34.611 / 120.0821	DATE: April 27, 2015 4:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
0 - 1/8 Mile
Lower

FED USGS **USGS40000148351**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120045101		
Monloc name:	006N030W07L004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108203
Longitude:	-120.0818125	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	595.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	25
Welldepth units:	ft	Wellholedepth:	25
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	23.19		1949-07-01	23.00	

A2
SE
0 - 1/8 Mile
Lower

FED USGS **USGS40000148352**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120045102		
Monloc name:	006N030W07L005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108203
Longitude:	-120.0818125	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	595.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	55
Welldepth units:	ft	Wellholedepth:	55
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	28.88		1949-07-01	29.00	

B3
NNW
0 - 1/8 Mile
Higher

FED USGS **USGS40000148391**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343643120045301		
Monloc name:	006N030W07L006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6119314
Longitude:	-120.082368	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	22
Welldepth units:	ft	Wellholedepth:	22
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	20.96		1949-07-01	21.00	

A4
East
0 - 1/8 Mile
Higher

FED USGS **USGS40000148350**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120044701		
Monloc name:	006N030W07L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108203
Longitude:	-120.0807013	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	30.72		1949-07-01	31.00	

C5
South **FED USGS** **USGS40000148289**
0 - 1/8 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343635120045301		
Monloc name:	006N030W07L002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6097092
Longitude:	-120.082368	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	560.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	18
Welldepth units:	ft	Wellholedepth:	18
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	13.16		1949-07-01	13.00	

A6
SE **FED USGS** **USGS40000148307**
0 - 1/8 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343636120044801		
Monloc name:	006N030W07L011S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.609987
Longitude:	-120.080979	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	558.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600101	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	80
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B7
North
0 - 1/8 Mile
Higher

FED USGS **USGS40000148414**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343645120045201		
Monloc name:	006N030W07L009S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6124869
Longitude:	-120.0820903	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	79
Welldepth units:	ft	Wellholedepth:	100
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-19	31.79		1949-07-01	32.00	

D8
NE
0 - 1/8 Mile
Higher

FED USGS **USGS40000148396**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343644120044801		
Monloc name:	006N030W07L008S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6122092
Longitude:	-120.0809791	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	615.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D9
ENE
0 - 1/8 Mile
Higher

FED USGS **USGS40000148375**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343642120044601		
Monloc name:	006N030W07K001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6116536
Longitude:	-120.0804235	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	614.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Altimeter		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	70
Welldepth units:	ft	Wellholedepth:	70
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 91

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-03-29	48.29		1953-12-30	48.06	
1953-03-31	49.10				
Note: A nearby site that taps the same aquifer was being pumped.					
1953-01-28	48.19				
Note: A nearby site that taps the same aquifer was being pumped.					
1952-12-30	48.06		1952-11-26	50.15	
1952-10-29	50.12				
Note: The site had been pumped recently.					
1952-09-29	50.97				
Note: The site had been pumped recently.					
1952-08-27	51.10				
Note: The site had been pumped recently.					
1952-07-30	49.19				
1952-06-25	47.11				
Note: The site was being pumped.					
1952-03-28	44.69		1952-01-28	45.43	
1951-12-27	55.35		1951-11-29	55.47	
1951-10-30	51.19				
1951-08-28	48.25				
Note: The site was being pumped.					
1951-07-27	47.83				
Note: The site was being pumped.					
1951-06-27	68.70				
Note: A nearby site that taps the same aquifer was being pumped.					
1951-02-27	49.97		1951-01-26	51.75	
1950-12-29	49.35				
Note: A nearby site that taps the same aquifer was being pumped.					
1950-05-09	46.55				
Note: A nearby site that taps the same aquifer was being pumped.					
1950-04-10	45.00				
1950-03-06	48.60				
Note: A nearby site that taps the same aquifer was being pumped.					
1950-01-26	46.65				
Note: A nearby site that taps the same aquifer was being pumped.					
1949-12-30	45.85		1949-12-06	48.20	
1949-09-29	46.29				
Note: The site was being pumped.					
1949-07-29	47.99				
Note: The site was being pumped.					
1949-07-07	52.39				
Note: The site was being pumped.					
1949-06-03	46.12				
Note: The site was being pumped.					
1949-05-03	45.17				
Note: The site was being pumped.					
1949-03-07	40.13				
Note: The site was being pumped.					
1948-12-27	43.47				
1948-08-25	39.82				
Note: A nearby site that taps the same aquifer was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1948-07-22	42.95				
Note: The site was being pumped.					
1948-04-27	41.28				
Note: A nearby site that taps the same aquifer was being pumped.					
1947-12-30	39.63		1947-11-26	42.65	
1947-10-29	42.44				
1947-07-30	42.33				
Note: The site was being pumped.					
1947-06-04	41.44				
Note: The site was being pumped.					
1947-04-03	40.39		1947-01-31	40.14	
1946-12-28	40.57		1946-10-31	40.80	
1946-05-03	39.36				
1946-02-28	39.36				
Note: The site had been pumped recently.					
1946-02-01	38.25				
Note: The site was being pumped.					
1945-12-29	40.60				
Note: The site was being pumped.					
1945-12-01	40.24				
Note: A nearby site that taps the same aquifer was being pumped.					
1945-09-28	40.50				
Note: The site had been pumped recently.					
1945-03-03	38.69		1945-02-08	38.61	
1944-12-30	38.83		1944-12-01	38.88	
1944-09-29	39.83				
Note: The site was being pumped.					
1944-09-01	39.74				
Note: The site was being pumped.					
1944-08-04	39.73				
Note: The site was being pumped.					
1944-06-30	39.59				
Note: The site was being pumped.					
1944-06-02	38.79		1944-04-28	37.60	
1944-03-03	38.22		1943-12-31	38.93	
1943-11-05	39.11		1943-10-01	39.14	
1943-09-03	40.13				
Note: The site was being pumped.					
1943-07-29	40.31				
Note: The site was being pumped.					
1943-07-03	40.27				
Note: The site was being pumped.					
1943-06-04	39.22				
Note: The site was being pumped.					
1943-04-30	39.92				
Note: The site was being pumped.					
1943-04-08	38.98				
Note: The site was being pumped.					
1943-02-23	39.10				
Note: The site was being pumped.					
1943-01-28	39.81				
Note: The site had been pumped recently.					
1942-12-31	39.76				
1942-12-02	39.92				
Note: The site was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-11-12	39.96	
1942-09-01	40.03	
Note: The site was being pumped.		
1942-08-07	40.19	
Note: The site was being pumped.		
1942-07-10	40.25	
Note: The site was being pumped.		
1942-06-12	40.18	
Note: The site was being pumped.		
1942-05-26	40.02	
Note: The site was being pumped.		
1942-05-01	39.99	
Note: The site was being pumped.		
1942-04-06	39.97	
Note: The site was being pumped.		
1942-03-09	39.99	
Note: The site was being pumped.		
1942-01-29	39.77	
1942-01-01	40.00	
1941-12-19	39.69	
Note: The site was being pumped.		
1942-10-06	39.88	
1942-01-15	39.79	

D10
ENE
0 - 1/8 Mile
Higher

FED USGS **USGS40000148376**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343642120044602		
Monloc name:	006N030W07K003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6116536
Longitude:	-120.0804235	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	614.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Altimeter		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	50
Welldepth units:	ft	Wellholedepth:	50
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C11
SSE **FED USGS** **USGS40000148273**
0 - 1/8 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120045001		
Monloc name:	006N030W07P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094315
Longitude:	-120.0815347	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	60
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	17.53		1949-07-01	18.00	

E12
SW **FED USGS** **USGS40000148308**
0 - 1/8 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343636120045801		
Monloc name:	006N030W07L003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.609987
Longitude:	-120.083757	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	565.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type: Not Reported
Construction date: 19490101 Welldepth: 10
Welldepth units: ft Wellholedepth: 10
Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	5.24		1949-07-01	5.00	

D13
NE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000148395**

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-343644120044601
Monloc name: 006N030W07K004S
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060010 Drainagearea value: Not Reported
Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported Latitude: 34.6122092
Longitude: -120.0804235 Sourcemap scale: 24000
Horiz Acc measure: 1 Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map
Horiz coord refsys: NAD83 Vert measure val: 615.00
Vert measure units: feet Vertacc measure val: 20
Vert accmeasure units: feet
Vertcollection method: Interpolated from topographic map
Vert coord refsys: NGVD29 Countrycode: US
Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported
Construction date: Not Reported Welldepth: Not Reported
Welldepth units: Not Reported Wellholedepth: Not Reported
Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	45.80		1949-07-01	46.00	

14
NNW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000148443**

Org. Identifier: USGS-CA
Formal name: USGS California Water Science Center
Monloc Identifier: USGS-343647120045501
Monloc name: 006N030W07L007S
Monloc type: Well
Monloc desc: Not Reported
Huc code: 18060010 Drainagearea value: Not Reported
Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported Latitude: 34.6130425
Longitude: -120.0829237 Sourcemap scale: 24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	12
Welldepth units:	ft	Wellholedepth:	12
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	0.98		1949-07-01	1.00	

F15
SSE **FED USGS** **USGS40000148262**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343633120044701		
Monloc name:	006N030W07Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6091537
Longitude:	-120.0807013	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	10.69		1949-07-01	11.00	

F16
SE **FED USGS** **USGS40000148272**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120044501		
Monloc name:	006N030W07Q002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094315
Longitude:	-120.0801457	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	9.35		1949-07-01	9.00	

17
ENE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000148390**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343643120044301		
Monloc name:	006N030W07K005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6119314
Longitude:	-120.0795902	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	57
Welldepth units:	ft	Wellholedepth:	57
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	52.97		1949-07-01	53.00	

E18
WSW **FED USGS** **USGS40000148309**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343636120050201		
Monloc name:	006N030W07M006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.609987
Longitude:	-120.0848682	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	540.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19570101	Welldepth:	59
Welldepth units:	ft	Wellholedepth:	60
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1969-08-18	11.58		1969-08-01	12.00	
1957-08-18	10.2				

Note: Other conditions existed that would affect the measured water level.

G19
West **FED USGS** **USGS40000148368**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343641120050401		
Monloc name:	006N030W07M007S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6113758
Longitude:	-120.0854237	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	558.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19761207	Welldepth:	61.5
Welldepth units:	ft	Wellholedepth:	84
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 30

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-11-01					
Note: The measurement was discontinued.					
1982-10-25	23.78		1982-06-03	14.86	
1981-10-09	16.92		1981-09-17	15.67	
1981-04-21	14.40		1980-10-10	24.95	
1980-09-29	24.79		1980-04-24	16.17	
1979-10-19	17.40		1979-09-26	14.98	
1979-08-27	13.84		1979-07-25	12.00	
1979-07-09	11.24		1979-06-07	10.06	
1979-05-04	9.95		1979-04-05	10.64	
1979-03-02	11.60		1979-02-01	12.02	
1979-01-03	15.93		1978-12-05	17.82	
1978-11-15	19.45		1978-10-03	18.44	
1978-08-23	17.07		1978-08-01	16.22	
1978-06-26	14.07		1978-05-23	12.54	
1978-04-27	12.27		1978-03-23	10.66	
1976-12-17	13.83				

20
NW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000148460**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343648120050001		
Monloc name:	006N030W07L010S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6133202
Longitude:	-120.0843126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19550101	Welldepth:	97
Welldepth units:	ft	Wellholedepth:	114
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1955-09-07	22				
Note: Other conditions existed that would affect the measured water level.					
1955-09-01	22.00				

G21
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000148354**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120050502		
Monloc name:	006N030W07M003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108203
Longitude:	-120.0857015	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19470101	Welldepth:	6
Welldepth units:	ft	Wellholedepth:	6
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-18	3.90		1949-07-01	4.00	

G22
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000148353**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120050501		
Monloc name:	006N030W07M002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108203
Longitude:	-120.0857015	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19480101	Welldepth:	7
Welldepth units:	ft	Wellholedepth:	7
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-03-24	5.20		1958-03-19	5.06	
1957-11-05	5.50		1956-11-13	6.00	
1956-03-22	5.20		1955-10-13	5.59	
1955-03-28	5.05		1954-10-21	6.00	
1949-07-18	3.90		1949-07-01	4.00	

H23
NNE **FED USGS** **USGS40000148498**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343651120044701		
Monloc name:	006N030W07F001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6141536
Longitude:	-120.0807014	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	606.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19560101	Welldepth:	115
Welldepth units:	ft	Wellholedepth:	115
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-07-10	45				

Note: Other conditions existed that would affect the measured water level.

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-07-01	35.00				
1931-10-10	35				

Note: Other conditions existed that would affect the measured water level.

I24
WSW **FED USGS** **USGS40000148274**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120050501		
Monloc name:	006N030W07N001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094314
Longitude:	-120.0857015	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	555.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19140101	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1964-12-09	8.95		1964-12-01	9.00	

J25
NE **FED USGS** **USGS40000148459**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343648120044101		
Monloc name:	006N030W07K006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6133203
Longitude:	-120.0790346	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	611.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	93
Welldepth units:	ft	Wellholedepth:	100
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 73

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-05-29	36.43		1962-04-25	25.90	
1962-03-28	35.25		1962-03-02	35.05	
1960-08-23	52.25		1960-07-26	51.86	
1960-06-21	50.83		1960-05-25	49.72	
1960-04-26	49.63		1960-03-30	48.96	
1960-02-25	49.17		1960-01-27	49.64	
1959-12-22	50.28		1959-11-25	50.43	
1959-10-27	50.38		1959-09-25	50.08	
1959-08-25	49.61		1959-07-28	49.07	
1959-06-23	54.35		1959-05-25	50.79	
1959-04-29	47.18		1959-03-26	46.60	
1959-02-26	46.68		1959-01-29	47.57	
1958-12-29	48.07		1958-11-25	48.41	
1958-10-28	48.72		1958-09-26	48.80	
1958-08-28	51.65		1958-07-28	50.20	
1958-05-28	47.03		1958-03-28	46.98	
1958-02-27	48.09		1958-01-30	49.38	
1957-12-27	50.83		1957-11-25	50.39	
1957-10-29	50.73		1957-09-23	50.83	
1957-08-26	51.09		1957-07-24	50.40	
1957-06-25	49.40		1957-05-28	48.87	
1957-04-26	48.38		1957-03-20	48.15	
1957-02-26	48.44		1957-01-29	49.09	
1956-12-28	49.68		1956-11-27	50.51	
1956-10-22	51.00		1956-09-26	51.99	
1956-08-28	51.66		1956-07-25	50.94	
1956-06-25	49.85		1956-05-28	48.53	
1956-04-25	48.47		1956-03-27	47.45	
1956-03-22	47.00		1956-02-28	46.36	
1956-01-30	46.83		1955-12-28	47.80	
1955-11-30	48.64		1955-10-25	50.04	
1955-10-13	50.00		1955-09-29	50.35	
1955-03-28	45.72		1954-10-18	51.83	
1954-03-17	44.02		1953-10-16	47.20	
1953-03-09	42.55		1952-10-24	47.56	
1952-03-11	40.44				
1950-02-04	42				
Note: Other conditions existed that would affect the measured water level.					
1950-02-01	42.00				

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

26
East
1/8 - 1/4 Mile
Higher | **FED USGS** | **USGS40000148349**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343639120043701		
Monloc name:	006N030W07K002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6108204
Longitude:	-120.0779234	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	590.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	71
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	5.82		1945-04-09	2.43	
1942-02-05	2.21		1942-02-01	2.00	

H27
NNE
1/4 - 1/2 Mile
Higher | **FRDS PWS** | **CA2000830**

Epa region:	09	State:	CA
Pwsid:	CA2000830		
Pwsname:	SILVER SPUR CENTER/GALLERY ROW		
City served:	Not Reported	State served:	CA
Zip served:	Not Reported	Fips county:	06039
Status:	Active	Pop srvd:	30
Pwssvcconn:	6	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	NEAL E. ROSENBERG		
Contactor gname:	SILVER SPUR CENTER		
Contact phone:	8056887131	Contact address1:	3990 EDGEHILL LN
Contact address2:	Not Reported	Contact city:	SANTA YNEZ
Contact state:	CA	Contact zip:	93460
Activity code:	A		

Location Information:

Name:	SILVER SPUR CENTER/GALLERY ROW		
Pwstypcd:	TNCWS	Primsrccd:	GW
Popserved:	30		
Add1:	3990 EDGEHILL LN		
Add2:	Not Reported		
City:	SANTA YNEZ	State:	CA
Zip:	93460	Phone:	8056887131
Cityserv:	Not Reported	Cntyserv:	Madera
Stateserv:	CA	Zipserv:	Not Reported

Enforcement Information:

Violation id:	0600001	Orig cd:	S
Enf fy:	2007	Enf act date:	01/11/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

Violations Information:

Violoation id:	0600001	Orig cd:	S
State:	CA	Viol fy:	2006
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	23		
Viol name:	Monitoring, Routine Major (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	12/01/2006
Cmpedt:	12/31/2006		

PWS ID: CA2000830
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: SILVER SPUR CENTER
NEAL AND JOANNE ROSENBERG
HWY 41
SANTA YNEZ, CA 93460

Addressee / Facility: System Owner/Responsible Party
NEAL AND JOANNE ROSENBERG
39900 EDGEHILL LANE
SANTA YNEZ, CA 93460

Facility Latitude:	34 36 51	Facility Longitude:	120 04 44
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000150

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	CA2000830
Pwsname:	SILVER SPUR CENTER		
Retpopsrvd:	30	Pwstypecod:	NC
Vioid:	0600001	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	12/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

CONTACT INFORMATION:

Name:	SILVER SPUR CENTER	Population:	30
Contact:	NEAL E. ROSENBERG	Phone:	Not Reported
Address:	3990 EDGEHILL LN		
Address 2:	SANTA YNEZ CA, 93 80568		

I28
WSW **FED USGS** **USGS40000148290**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343635120050901		
Monloc name:	006N030W07N002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6097092
Longitude:	-120.0868127	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	544.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19761206	Welldepth:	21
Welldepth units:	ft	Wellholedepth:	29
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 39

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-11-01					
Note: The measurement was discontinued.					
1980-09-29					
Note: The site was dry (no water level recorded).					
1980-04-24	12.64		1979-10-19	14.48	
1979-09-26	11.37		1979-08-27	10.11	
1979-07-25	8.61		1979-07-09	7.93	
1979-06-07	7.45		1979-05-04	7.44	
1979-04-05	7.83		1979-03-02	8.44	
1979-02-01	8.38		1979-01-03	11.73	
1978-12-05	13.93		1978-11-15	16.80	
1978-10-03	15.77		1978-08-23	13.76	
1978-08-01	12.92		1978-06-26	10.57	
1978-05-23	8.80		1978-04-27	9.02	
1978-03-23	7.98		1978-02-25	10.10	
1978-01-31	15.36		1978-01-13	17.13	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-11-21	18.85		1977-10-18	17.42	
1977-09-26	15.58		1977-08-24	14.80	
1977-07-26	12.10		1977-06-27	10.04	
1977-05-24	7.64		1977-04-26	7.78	
1977-04-21	7.90		1977-04-06	7.78	
1977-03-30	7.72		1977-02-22	8.19	
1976-12-17	11.86				

J29
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148510**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343652120044101		
Monloc name:	006N030W07G002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6144314
Longitude:	-120.0790346	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19560101	Welldepth:	116
Welldepth units:	ft	Wellholedepth:	117
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-01-03	46				
Note: Other conditions existed that would affect the measured water level.					
1956-01-01	46.00				

30
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148511**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343652120050501		
Monloc name:	006N030W07E001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6144313
Longitude:	-120.0857016	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	610.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

K31
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CADW50000007899**

Latitude :	34.6142		
Longitude :	120.0781		
Site code:	346142N1200781W001	Casgem sta:	06N30W07G005S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	42		
Basin cd:	3-15	Basin desc:	Santa Ynez River Valley
Org unit n:	Southern Region Office	Site id:	CADW50000007899

L32
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148377**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343642120051301		
Monloc name:	006N030W07M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6116536
Longitude:	-120.0879239	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	633.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-12-19	57.99		1941-12-01	58.00	

L33
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148378**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343642120051302		
Monloc name:	006N030W07M004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6116536
Longitude:	-120.0879239	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	86
Welldepth units:	ft	Wellholedepth:	88
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-11-21	65				
Note: Other conditions existed that would affect the measured water level.					
1950-11-01	65.00				

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K34
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148509**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343652120043601		
Monloc name:	006N030W07G004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6144314
Longitude:	-120.0776457	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19560101	Welldepth:	115
Welldepth units:	ft	Wellholedepth:	116
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-06-22	50				
Note: Other conditions existed that would affect the measured water level.					
1956-06-01	50.00				

K35
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148488**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343650120043401		
Monloc name:	006N030W07G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6138758
Longitude:	-120.07709	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19530101	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	100
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-09-30	41.5				
Note: Other conditions existed that would affect the measured water level.					
1953-09-01	42.00				

L36
WNW **FED USGS** **USGS40000148397**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343644120051401		
Monloc name:	006N030W07M005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6122091
Longitude:	-120.0882017	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	580.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19530101	Welldepth:	108
Welldepth units:	ft	Wellholedepth:	110
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-08-20	69				
Note: Other conditions existed that would affect the measured water level.					
1953-08-01	69.00				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K37
NE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000148496**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343651120043401		
Monloc name:	006N030W07G005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6141536
Longitude:	-120.07709	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	158
Welldepth units:	ft	Wellholedepth:	158
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 86

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-03-17	50.32		2003-03-26	48.59	
2002-03-25	48.71		2001-03-27	51.38	
2000-03-24	53.86		1999-03-24	58.06	
1998-04-14	60.50				
1997-04-02					
Note: The site was being pumped.					
1996-04-09	80.23				
Note: A nearby site that taps the same aquifer was being pumped.					
1995-04-20	77.11		1994-05-12	90.95	
1993-03-22	91.37		1992-03-12	88.31	
1991-03-27	92.73		1990-03-19	81.34	
1989-03-16	73.40		1988-04-04	72.00	
1987-04-16	67.79		1985-03-29	63.55	
1984-04-19	63.78				
1983-04-06	64.65				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1981-04-01	69.98		1979-04-12	66.43	
1978-04-27	68.00				
Note: A nearby site that taps the same aquifer was being pumped.					
1977-04-06	65.86		1976-04-01	64.68	
1975-04-08	54.40		1974-04-10	53.69	
1973-04-19	51.23		1972-03-10	54.26	
1971-09-15	55.68		1971-03-17	53.46	
1970-10-15	60.60				
Note: A nearby site that taps the same aquifer was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1970-03-27	53.19				
Note: A nearby site that taps the same aquifer was being pumped.					
1969-10-16	56.64		1969-03-27	51.92	
1968-10-14	56.15				
Note: A nearby site that taps the same aquifer was being pumped.					
1968-03-21	51.79		1967-10-20	54.63	
1967-03-23	51.68		1966-10-11	54.27	
1966-04-27	50.70		1966-03-25	50.06	
1966-02-23	51.13		1965-11-23	53.10	
1965-10-27	52.20		1965-09-27	52.50	
1965-08-25	52.15		1965-07-27	51.30	
1965-05-28	49.63		1965-04-29	49.47	
1965-03-31	49.70				
1965-02-26	49.37				
Note: A nearby site that taps the same aquifer was being pumped.					
1965-01-28	49.55		1964-12-15	50.46	
1964-11-18	50.70		1964-10-30	51.70	
1964-09-28	52.02				
Note: A nearby site that taps the same aquifer was being pumped.					
1964-08-24	51.01		1964-07-28	50.71	
1964-06-29	50.00		1964-05-27	48.54	
1964-04-23	48.19		1964-03-27	47.46	
1964-02-26	47.50		1964-01-29	47.30	
1963-12-30	47.64		1963-11-20	48.13	
1963-10-23	48.97		1963-09-24	53.75	
1963-08-26	48.46		1963-07-23	48.01	
1963-06-25	47.07		1963-05-28	46.26	
1963-04-22	45.60		1963-03-28	46.15	
1963-02-25	46.94				
1963-01-28	47.67				
Note: A nearby site that taps the same aquifer was being pumped.					
1962-12-20	53.85		1962-11-23	52.56	
1962-10-24	53.40				
Note: A nearby site that taps the same aquifer was being pumped.					
1962-09-24	49.50		1962-08-28	47.58	
1962-07-25	46.58		1962-06-28	41.64	
1962-06-01	42.00				

K38
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148497**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343651120043402		
Monloc name:	006N030W07G006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6141536
Longitude:	-120.07709	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	600.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19620101	Welldepth:	410
Welldepth units:	ft	Wellholedepth:	667
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 81

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-03-19	51.68				
2004-03-17					
Note: The site was being pumped.					
2003-03-26	49.36		2002-03-28	50.42	
2001-03-27	60.93				
2000-03-24	54.28				
Note: The site had been pumped recently.					
1999-03-24	57.44		1998-04-14	64.71	
1997-04-02					
Note: The site was being pumped.					
1996-04-09					
Note: The site was being pumped.					
1995-04-20	74.73		1994-05-12	88.60	
1993-03-22					
Note: The site was being pumped.					
1992-03-12	84.11		1991-03-27	89.39	
1990-03-19	80.35		1989-03-16	71.53	
1988-04-04	71.41		1987-04-16	67.45	
1986-03-28	61.79		1985-03-29	62.63	
1984-04-19	62.92				
1983-04-06	62.70				
Note: The site had been pumped recently.					
1982-03-26	69.34				
Note: A nearby site that taps the same aquifer was being pumped.					
1981-04-01	68.34		1980-04-22	69.72	
1979-04-12	62.18		1977-04-06	64.52	
1976-04-01	57.33		1975-04-08	54.52	
1974-04-10	51.75		1973-04-19	51.67	
1972-03-10	52.81		1971-09-15	52.96	
1971-03-17	52.70				
1970-10-15	134.20				
Note: The site was being pumped.					
1970-03-27	126.22				
Note: The site was being pumped.					
1969-10-16	130.09				
Note: The site was being pumped.					
1969-03-27	48.56		1968-10-15	66.13	
1968-03-21	50.60		1967-10-20	55.20	
1967-03-23	50.64		1966-10-11	53.10	
1966-04-27	49.57		1966-03-25	49.08	
1966-02-23	49.33		1965-11-23	52.90	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-10-27	53.54		1965-09-27	51.40	
1965-08-25	51.27		1965-07-27	50.48	
1965-06-30	49.23		1965-05-28	48.53	
1965-04-29	48.13		1965-03-31	48.60	
1964-12-15	49.63		1964-10-30	51.32	
1964-08-24	49.70		1964-07-28	48.91	
1964-06-29	48.14		1964-05-27	48.41	
1964-04-23	46.51		1964-03-27	47.07	
1964-02-26	46.76		1964-01-29	46.80	
1963-12-30	46.80		1963-11-20	47.31	
1963-10-23	47.59		1963-09-24	47.55	
1963-08-26	47.47		1963-07-23	46.88	
1963-04-22	40.06		1963-03-28	45.60	
1962-12-20	48.00		1962-11-23	50.54	
1962-08-28	46.59		1962-07-25	45.37	
1962-06-28	43.55		1962-06-01	44.00	
1962-05	43.00				

39
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148578**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343659120044801		
Monloc name:	006N030W07F002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6163757
Longitude:	-120.0809792	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	595.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19520101	Welldepth:	78
Welldepth units:	ft	Wellholedepth:	78
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1952-03-08	28				
Note: Other conditions existed that would affect the measured water level.					
1952-03-01	28.00				

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K40
NE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000148546**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343655120043701		
Monloc name:	006N030W07G003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6152647
Longitude:	-120.0779235	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19560101	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	128
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-07-14	50				
Note: Other conditions existed that would affect the measured water level.					
1956-07-01	50.00				

M41
NNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000148564**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343658120050201		
Monloc name:	006N030W07E002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6160979
Longitude:	-120.0848682	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19540101	Welldepth:	103
Welldepth units:	ft	Wellholedepth:	103
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-06-06	50				
Note: Other conditions existed that would affect the measured water level.					
1954-06-01	50.00				

42
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CADW50000007897**

Latitude :	34.614		
Longitude :	120.076		
Site code:	346140N1200760W001	Casgem sta:	06N30W07G006S
Local well:	6N/30W-7G6	Casgem s 1:	Irrigation
County id:	42		
Basin cd:	3-15	Basin desc:	Santa Ynez River Valley
Org unit n:	Southern Region Office	Site id:	CADW50000007897

M43
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **6799**

Water System Information:

Prime Station Code:	06N/31W-12Q05 S	User ID:	42C
FRDS Number:	4200616001	County:	Santa Barbara
District Number:	72	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	343700.0 1200500.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 02		
System Number:	4200616		
System Name:	SKYLINE PARK		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Sample Collected:	22-MAR-11	Findings:	33. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUN-11	Findings:	31. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-DEC-11	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-MAR-13	Findings:	35. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-SEP-13	Findings:	33. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-FEB-14	Findings:	36. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-MAY-14	Findings:	. 36. MG/L
Chemical:	NITRATE (AS NO3)		

M44
NNW **CA WELLS** **6784**
1/4 - 1/2 Mile
Higher

Water System Information:

Prime Station Code:	06N/30W-07Q06 S	User ID:	TAP
FRDS Number:	4210020006	County:	Santa Barbara
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	343700.0 1200500.0	Precision:	Undefined
Source Name:	WELL 02		
System Number:	4210020		
System Name:	Santa Ynez River Water cons. District		
Organization That Operates System:			
	3622 SAGUNTO ST.		
	SANTA YNEZ, CA 93460		
Pop Served:	6500	Connections:	2005
Area Served:	SANTA YNEZ		
Sample Collected:	14-MAR-11	Findings:	14. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-MAR-11	Findings:	14. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	14-MAR-11	Findings:	6.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-JAN-12	Findings:	23.28 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	18-JAN-12	Findings:	770. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-JAN-12	Findings:	7.8
Chemical:	PH, LABORATORY		
Sample Collected:	18-JAN-12	Findings:	330. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		

Sample Collected:	18-JAN-12	Findings:	400. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	18-JAN-12	Findings:	380. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	18-JAN-12	Findings:	45. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-JAN-12	Findings:	69. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-JAN-12	Findings:	39. MG/L
Chemical:	SODIUM		
Sample Collected:	18-JAN-12	Findings:	2.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	18-JAN-12	Findings:	46. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-JAN-12	Findings:	170. UG/L
Chemical:	BARIUM		
Sample Collected:	18-JAN-12	Findings:	180. UG/L
Chemical:	BORON		
Sample Collected:	18-JAN-12	Findings:	22. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	18-JAN-12	Findings:	13. UG/L
Chemical:	VANADIUM		
Sample Collected:	18-JAN-12	Findings:	470. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-JAN-12	Findings:	0.58
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	18-JAN-12	Findings:	2.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	18-JAN-12	Findings:	8.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-JAN-12	Findings:	11.82
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	18-JAN-12	Findings:	1900. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	25-SEP-13	Findings:	10. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	25-SEP-13	Findings:	5.2 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	25-SEP-13	Findings:	2.5 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	25-SEP-13	Findings:	8.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-SEP-13	Findings:	2.1 PCI/L
Chemical:	GROSS ALPHA MDA95		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M45
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **6783**

Water System Information:

Prime Station Code:	06N/30W-07Q05 S	User ID:	TAP
FRDS Number:	4210020005	County:	Santa Barbara
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	343700.0 1200500.0	Precision:	Undefined
Source Name:	WELL 01		
System Number:	4210020		
System Name:	Santa Ynez River Water cons. District		
Organization That Operates System:			
	3622 SAGUNTO ST.		
	SANTA YNEZ, CA 93460		
Pop Served:	6500	Connections:	2005
Area Served:	SANTA YNEZ		
Sample Collected:	26-JUN-06	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		

46
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148610**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343701120045601		
Monloc name:	006N030W07F003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6169313
Longitude:	-120.0832015	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	625.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19530101	Welldepth:	129
Welldepth units:	ft	Wellholedepth:	140
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-11-18	61				

Note: Other conditions existed that would affect the measured water level.

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-11-01	61.00				

47
WSW **FED USGS** **USGS40000148275**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120052001		
Monloc name:	006N031W12R002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094314
Longitude:	-120.0898684	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	540.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	66
Welldepth units:	ft	Wellholedepth:	66
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

48
WSW **FED USGS** **USGS40000148211**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343628120051801		
Monloc name:	006N030W07N003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6077648
Longitude:	-120.0893128	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	544.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19761206	Welldepth:	38
Welldepth units:	ft	Wellholedepth:	44
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 36

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-04-24					
Note: The measurement was discontinued.					
1979-09-26	8.12		1979-08-27	8.06	
1979-07-25	7.93		1979-07-09	7.87	
1979-06-07	7.83		1979-05-04	7.82	
1979-04-05	7.86		1979-03-02	7.89	
1979-02-01	7.89		1979-01-03	7.88	
1978-12-05	7.46		1978-11-15	6.99	
1978-10-03	5.36		1978-08-23	2.97	
1978-08-01	8.63		1978-06-26	8.04	
1978-05-23	6.00		1978-04-27	4.99	
1978-03-23	4.34		1978-02-25	3.44	
1978-01-31	8.22		1978-01-13	18.47	
1977-11-21	17.03		1977-10-18	14.36	
1977-09-26	12.50		1977-08-24	11.80	
1977-07-26	10.58		1977-06-27	9.22	
1977-05-24	6.40		1977-04-26	6.63	
1977-04-21	6.55		1977-04-06	13.26	
1977-03-30	13.45		1977-02-22	14.75	
1976-12-17	16.26				

N49
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000148653**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343704120050201		
Monloc name:	006N030W07C003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6177645
Longitude:	-120.0848682	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	630.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

O50
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000148702**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343708120045201		
Monloc name:	006N030W07C004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6188757
Longitude:	-120.0820903	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	635.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19550101	Welldepth:	113
Welldepth units:	ft	Wellholedepth:	116
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-03-22	67.92		1955-10-13	70.26	
1955-08-28	66.60		1955-07-06	68.90	
1955-05-16	51.00		1955-05-01	51.00	

N51
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148703**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343708120050201		
Monloc name:	006N030W07C006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6188756
Longitude:	-120.0848682	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19580101	Welldepth:	156
Welldepth units:	ft	Wellholedepth:	162
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1958-12-11	98				
Note: Other conditions existed that would affect the measured water level.					
1958-12-01	98.00				

P52
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000148329**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343637120052801		
Monloc name:	006N031W12J001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6102647
Longitude:	-120.0920907	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	610.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390101	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	240
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-04-02	91.98		1958-03-11	92.25	
1957-11-05	96.94		1945-04-09	85.96	
1942-02-05	86.14		1942-02-01	86.00	
1939-11-13	81.7				
Note: Other conditions existed that would affect the measured water level.					

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

53
NE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000148652**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343704120043101		
Monloc name:	006N030W07B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6177646
Longitude:	-120.0762567	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19490101	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-08-15	37				
Note: Other conditions existed that would affect the measured water level.					
1949-07-01	32.00				
1949-07	31.5				
Note: Other conditions existed that would affect the measured water level.					

54
NNW
1/2 - 1 Mile
Higher | **CA WELLS** | **6782**

Water System Information:

Prime Station Code:	06N/30W-07D02 S	User ID:	TAP
FRDS Number:	4210020018	County:	Santa Barbara
District Number:	06	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	343708.1 1200505.5	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 15		
System Number:	4210020		
System Name:	Santa Ynez River Water cons. District		
Organization That Operates System:			
	3622 SAGUNTO ST.		
	SANTA YNEZ, CA 93460		
Pop Served:	6500	Connections:	2005
Area Served:	SANTA YNEZ		

Sample Collected:	14-MAR-11	Findings:	32. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-MAR-11	Findings:	29. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	28-SEP-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-JAN-12	Findings:	21.1 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	18-JAN-12	Findings:	850. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-JAN-12	Findings:	7.8
Chemical:	PH, LABORATORY		
Sample Collected:	18-JAN-12	Findings:	320. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	18-JAN-12	Findings:	390. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	18-JAN-12	Findings:	280. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	18-JAN-12	Findings:	43. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-JAN-12	Findings:	85. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-JAN-12	Findings:	34. MG/L
Chemical:	SODIUM		
Sample Collected:	18-JAN-12	Findings:	1.8 MG/L
Chemical:	POTASSIUM		
Sample Collected:	18-JAN-12	Findings:	56. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-JAN-12	Findings:	0.26 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	18-JAN-12	Findings:	120. UG/L
Chemical:	BARIUM		
Sample Collected:	18-JAN-12	Findings:	28. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	18-JAN-12	Findings:	15. UG/L
Chemical:	VANADIUM		
Sample Collected:	18-JAN-12	Findings:	520. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-JAN-12	Findings:	0.67
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	18-JAN-12	Findings:	9.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	18-JAN-12	Findings:	15. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	18-JAN-12	Findings:	11.91
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	18-JAN-12	Findings:	3300. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05-SEP-12	Findings:	7.3 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05-SEP-12	Findings:	2.7 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05-SEP-12	Findings:	2.1 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	05-JUN-13	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-SEP-13	Findings:	4. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	04-JUN-14	Findings:	. 19. MG/L
Chemical:	NITRATE (AS NO3)		

O55
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000148728**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343710120045501		
Monloc name:	006N030W07C002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6194312
Longitude:	-120.0829237	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 14

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1958-06-10	52.96		1957-11-05	56.73	
1957-03-26	53.93		1956-11-13	55.80	
1956-03-22	51.75		1955-10-13	53.97	
1955-03-28	50.12		1954-10-21	52.50	
1954-03-17	48.54		1953-10-16	50.40	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-03-09	45.83		1952-10-24	48.47	
1952-03-12	45.46		1952-03-01	45.00	

56
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000148143**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343620120052101		
Monloc name:	006N031W13A001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6055426
Longitude:	-120.090146	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	670.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-15	10.70		1949-07-01	11.00	

57
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000148389**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343643120041401		
Monloc name:	006N030W08M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6119315
Longitude:	-120.0715343	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	630.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-03-24	50.50		1958-03-19	62.86	
1957-11-05	64.09				
1955-10-13	62.57				
Note: The site had been pumped recently.					
1954-10-18	76.38		1954-03-19	67.50	
1954-03-01	68.00				

P58
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000148277**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120053102		
Monloc name:	006N031W12R004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094314
Longitude:	-120.092924	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	625.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19580101	Welldepth:	192
Welldepth units:	ft	Wellholedepth:	197
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-02-16	136.71		1960-02-01	137.00	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1958-05-29	137				

Note: Other conditions existed that would affect the measured water level.

P59
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000148276**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343634120053101		
Monloc name:	006N031W12R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6094314
Longitude:	-120.092924	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	630.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390101	Welldepth:	142
Welldepth units:	ft	Wellholedepth:	142
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-01-01	120.00				
1939	120				

Note: Other conditions existed that would affect the measured water level.

60
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148712**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343709120051001		
Monloc name:	006N030W07D001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6191534
Longitude:	-120.0870906	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

61
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148745**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343712120050001		
Monloc name:	006N030W07C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6199867
Longitude:	-120.0843127	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	631.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	187
Welldepth units:	ft	Wellholedepth:	187
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1955-03-28	59.05		1945-04-09	43.65	
1942-01-22	46.09		1942-01-01	46.00	

62
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000148758**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343713120045001		
Monloc name:	006N030W07C005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6202645
Longitude:	-120.0815348	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	620.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

63
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148255**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343632120053201		
Monloc name:	006N031W12R003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6088758
Longitude:	-120.0932018	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	625.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19560101	Welldepth:	172
Welldepth units:	ft	Wellholedepth:	172
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1956-04-30	129				
Note: Other conditions existed that would affect the measured water level.					
1956-04-01	129.00				

64
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148670**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343705120052001		
Monloc name:	006N031W12A001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6180423
Longitude:	-120.0898684	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	640.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Q65
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148654**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343704120052901		
Monloc name:	006N031W12A002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6177645
Longitude:	-120.0923685	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	645.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510101	Welldepth:	244
Welldepth units:	ft	Wellholedepth:	280
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1951-10-18	72				
Note: Other conditions existed that would affect the measured water level.					
1951-10-01	72.00				

Q66
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148655**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343704120052902		
Monloc name:	006N031W12A003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6177645
Longitude:	-120.0923685	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	645.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

67
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148235**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343630120053801		
Monloc name:	006N031W12Q003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6083203
Longitude:	-120.0948686	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	621.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19240101	Welldepth:	208
Welldepth units:	ft	Wellholedepth:	208
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

68
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000148199**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343627120040601		
Monloc name:	006N030W08N001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6074872
Longitude:	-120.0693119	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	660.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	115
Welldepth units:	ft	Wellholedepth:	120
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 11

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-03-24	60.17		1958-03-19	59.90	
1957-11-05	63.19		1957-03-27	64.83	
1956-11-13	66.30		1956-03-22	59.69	
1955-03-25	59.47		1953-10-15	59.52	
1953-03-09	58.32				
1950-06-05	58				

Note: Other conditions existed that would affect the measured water level.

1950-06-01	58.00				

69
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000148158**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343622120040501		
Monloc name:	006N030W17D001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6060983
Longitude:	-120.0690341	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	675.00
Vert measure units:	feet	Vertacc measure val:	5.
Vert accmeasure units:	feet		
Vertcollection method:	Altimeter		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	146
Welldepth units:	ft	Wellholedepth:	146
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-14	77.18		1941-11-18	74.10	
1941-11-01	74.00				

70
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148470**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343649120054501		
Monloc name:	006N031W12K001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6135979
Longitude:	-120.0968131	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	655.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 13

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1958-03-11	99.74		1957-11-05	127.9	
1957-03-26	97.8		1956-11-09	124.19	
1956-03-20	97.78		1955-10-12	117.20	
1954-10-21	104.50		1954-03-17	93.57	
1953-03-09	94.34		1952-10-24	94.02	
1952-03-12	93.69		1952-03-01	94.00	
1948-01-20	112.1				

Note: Other conditions existed that would affect the measured water level.

71
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148149**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343621120054201		
Monloc name:	006N031W13B002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6058203
Longitude:	-120.0959797	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	605.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19470101	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	125
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-19	104.45		1949-07-01	104.00	

72
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148557**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343657120054301		
Monloc name:	006N031W12G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.61582
Longitude:	-120.0962576	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	654.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	200
Welldepth units:	ft	Wellholedepth:	200
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-08-24	95.5				
Note: Other conditions existed that would affect the measured water level.					
1947-01-16	86.9				
Note: Other conditions existed that would affect the measured water level.					
1941-12-19	90				
Note: Other conditions existed that would affect the measured water level.					
1941-12-01	90.00				
1940-09-24	88.8				
Note: Other conditions existed that would affect the measured water level.					

R73
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000148291**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343635120054801		
Monloc name:	006N031W12Q002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6097091
Longitude:	-120.0976465	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	621.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	133
Welldepth units:	ft	Wellholedepth:	133
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

74
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000148830**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343720120052001		
Monloc name:	006N031W01R002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6222088
Longitude:	-120.0898685	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	640.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

75
WSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000148094**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343615120054001		
Monloc name:	006N031W13B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6041537
Longitude:	-120.095424	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	593.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19380101	Welldepth:	200
Welldepth units:	ft	Wellholedepth:	200
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-09-17	97				
Note: Other conditions existed that would affect the measured water level.					
1938-09-01	97.00				

76
West
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000148242**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343631120055001		
Monloc name:	006N031W12Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.608598
Longitude:	-120.098202	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	615.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	138
Welldepth units:	ft	Wellholedepth:	138
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-04-02	122.92		1958-03-11	124.55	
1957-11-05	125.04		1957-03-26	123.70	
1956-11-09	125.08		1956-03-20	123.51	
1955-10-12	123.35		1955-03-28	121.93	
1954-10-21	118.44		1954-03-17	105.98	
1953-10-16	107.13				
1953-03-09	105.77				
Note: The site had been pumped recently.					
1952-10-24	106.50		1952-03-11	105.74	
1942-12-30	105.00		1942-12-01	105.00	

77
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000148817**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343718120041401		
Monloc name:	006N030W05N002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6216535
Longitude:	-120.0715344	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	610.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-03-25	60.86		1959-03-01	61.00	

R78
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000148263**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343633120055201		
Monloc name:	006N031W12P001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6091535
Longitude:	-120.0987576	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	622.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	305
Welldepth units:	ft	Wellholedepth:	305
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1944-10-24	164.0				
Note: Other conditions existed that would affect the measured water level.					
1944-10-01	164.00				

S79
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000147895**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343559120053001		
Monloc name:	006N031W13H002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.5997094
Longitude:	-120.0926462	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	503.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19761206	Welldepth:	68
Welldepth units:	ft	Wellholedepth:	84
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 28

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-04-05	0.00		1979-03-02	24.89	
1979-02-01	25.31		1978-12-05	25.80	
1978-11-15	26.02		1978-10-03	25.83	
1978-08-23	25.28		1978-08-01	24.72	
1978-06-26	25.00		1978-05-23	24.16	
1978-04-27	22.82		1978-03-23	26.04	
1978-02-25	26.48		1978-01-31	28.60	
1978-01-13	29.47		1977-11-21	29.70	
1977-10-18	29.66		1977-09-26	29.52	
1977-08-24	28.28		1977-07-26	29.05	
1977-06-27	28.66		1977-05-24	27.80	
1977-04-26	28.06		1977-04-21	28.02	
1977-04-06	27.72		1977-03-30	27.70	
1977-02-22	27.65		1976-12-17	27.87	

S80
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000147913**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343601120053401		
Monloc name:	006N031W13H001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18060010	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.6002649
Longitude:	-120.0937573	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	540.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19530101	Welldepth:	25
Welldepth units:	ft	Wellholedepth:	83
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-10-14	5.05		1954-10-01	5.00	
1953-03-27	6.5				

Note: Other conditions existed that would affect the measured water level.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93460	23	2

Federal EPA Radon Zone for SANTA BARBARA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93460

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	5.800 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

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

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Oilfield Environmental and Compliance, INC.

Eric Kirkegaard
DMI-EMK Environmental Services Inc. Ventura
1056 Meta Street, Suite 101
Ventura, CA 93001

25 April 2014

RE: Tank Removal

Work Order: 1401874

Dear Client:

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on 17-Apr-14 18:00 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Marissa Censullo

Marissa L. Censullo

Project Manager

307 Roemer Way, Suite 300, Santa Maria, CA 93454 www.oecusa.com TEL: (805) 922-4772 FAX: (805) 925-3376

Oilfield Environmental and Compliance, INC.

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T1-1@20'	1401874-01	Solid	17-Apr-14 14:30	17-Apr-14 18:00
T1-2@20'	1401874-02	Solid	17-Apr-14 16:45	17-Apr-14 18:00
T2-1@20'	1401874-03	Solid	17-Apr-14 14:35	17-Apr-14 18:00
T2-2@20'	1401874-04	Solid	17-Apr-14 14:49	17-Apr-14 18:00
DP1@4'	1401874-05	Solid	17-Apr-14 15:10	17-Apr-14 18:00
DD1@4'	1401874-06	Solid	17-Apr-14 15:15	17-Apr-14 18:00
DP2@3'	1401874-07	Solid	17-Apr-14 15:20	17-Apr-14 18:00
DD2@3'	1401874-08	Solid	17-Apr-14 15:25	17-Apr-14 18:00
P1@3'	1401874-09	Solid	17-Apr-14 15:35	17-Apr-14 18:00
P2@3'	1401874-10	Solid	17-Apr-14 15:40	17-Apr-14 18:00
P3@3'	1401874-11	Solid	17-Apr-14 15:45	17-Apr-14 18:00
P4@9'	1401874-12	Solid	17-Apr-14 16:10	17-Apr-14 18:00
P5@3'	1401874-13	Solid	17-Apr-14 16:15	17-Apr-14 18:00
GD1@3'	1401874-14	Solid	17-Apr-14 15:30	17-Apr-14 18:00
GD2@3'	1401874-15	Solid	17-Apr-14 15:50	17-Apr-14 18:00
GD3@4'	1401874-16	Solid	17-Apr-14 15:55	17-Apr-14 18:00
VL@2.5'	1401874-17	Solid	17-Apr-14 16:25	17-Apr-14 18:00
SP1	1401874-18	Solid	17-Apr-14 16:35	17-Apr-14 18:00
SP2	1401874-19	Solid	17-Apr-14 16:40	17-Apr-14 18:00

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-1@20'

1401874-01 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*102 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00064	0.0046	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
Bromochloromethane	ND	0.00092	0.0046	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Bromoform	ND	0.00064	0.0046	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0046	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00082	0.0046	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0046	"	"	"	"	"	"	
Chlorobenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0046	"	"	"	"	"	"	
Chloroform	ND	0.00046	0.0046	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00073	0.0046	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00082	0.0046	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00037	0.0046	"	"	"	"	"	"	
Dibromomethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0046	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0046	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00092	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-1@20'

1401874-01 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	0.00064	0.0046	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
1,3-Dichloropropane	ND	0.00046	0.0046	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00082	0.0046	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00073	0.0046	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00055	0.0046	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00092	0.0046	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00064	0.0046	"	"	"	"	"	"	
Methylene chloride	ND	0.00073	0.0046	"	"	"	"	"	"	
Naphthalene	ND	0.00073	0.0046	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Styrene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00082	0.0046	"	"	"	"	"	"	
Toluene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00082	0.0046	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00082	0.0046	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00073	0.0046	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0046	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0046	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0092	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0046	"	"	"	"	"	"	
Ethanol	ND	0.72	4.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-1@20'

1401874-01 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Methyl-t-butyl ether	ND	0.00055	0.0046	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
TPH Gasoline (C4-C12)	0.21	0.18	0.46	"	"	"	"	"	"	J
Surrogate: Dibromofluoromethane			*97.8 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*99.4 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-2@20'

1401874-02 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*102 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00067	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
Bromochloromethane	ND	0.00096	0.0048	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Bromoform	ND	0.00067	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00077	0.0048	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00038	0.0048	"	"	"	"	"	"	
Dibromomethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00096	0.0048	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00087	0.0048	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-2@20'

1401874-02 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.00077	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
cis-1,3-Dichloropropene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00058	0.0048	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00096	0.0048	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00067	0.0048	"	"	"	"	"	"	
Methylene chloride	ND	0.00077	0.0048	"	"	"	"	"	"	
Naphthalene	ND	0.00077	0.0048	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00087	0.0048	"	"	"	"	"	"	
Toluene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00087	0.0048	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00077	0.0048	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0048	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0096	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.76	4.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00058	0.0048	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.48	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*101 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T1-2@20'

1401874-02 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Surrogate: Toluene-d8	*98.2 %*	*70-130*	*A404561*	*18-Apr-14*	*18-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: 4-Bromofluorobenzene	*99.0 %*	*70-130*	*"*	*"*	*"*	*"*	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-1@20'

1401874-03 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*103 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00067	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
Bromochloromethane	ND	0.00096	0.0048	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Bromoform	ND	0.00067	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00086	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00077	0.0048	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00086	0.0048	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00038	0.0048	"	"	"	"	"	"	
Dibromomethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00096	0.0048	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00086	0.0048	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-1@20'
1401874-03 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.00077	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
cis-1,3-Dichloropropene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00058	0.0048	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00096	0.0048	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00067	0.0048	"	"	"	"	"	"	
Methylene chloride	ND	0.00077	0.0048	"	"	"	"	"	"	
Naphthalene	ND	0.00077	0.0048	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00086	0.0048	"	"	"	"	"	"	
Toluene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00086	0.0048	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00086	0.0048	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00077	0.0048	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0048	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0096	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.76	4.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00058	0.0048	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.48	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*99.8 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-1@20'

1401874-03 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Surrogate: Toluene-d8	*97.3 %*	*70-130*	*A404561*	*18-Apr-14*	*18-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*70-130*	*"*	*"*	*"*	*"*	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-2@20'

1401874-04 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*101 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00066	0.0047	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
Bromochloromethane	ND	0.00095	0.0047	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00057	0.0047	"	"	"	"	"	"	
Bromoform	ND	0.00066	0.0047	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0047	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00085	0.0047	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0047	"	"	"	"	"	"	
Chlorobenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0047	"	"	"	"	"	"	
Chloroform	ND	0.00047	0.0047	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00076	0.0047	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00085	0.0047	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0047	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00038	0.0047	"	"	"	"	"	"	
Dibromomethane	ND	0.00076	0.0047	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00057	0.0047	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00057	0.0047	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00057	0.0047	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0047	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00076	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00076	0.0047	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0047	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00057	0.0047	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00095	0.0047	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00066	0.0047	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00047	0.0047	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00085	0.0047	"	"	"	"	"	"	

Oilfield Environmental and Compliance, INC.

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-2@20'

1401874-04 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.00076	0.0047	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
cis-1,3-Dichloropropene	ND	0.00057	0.0047	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00047	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.00057	0.0047	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00057	0.0047	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00095	0.0047	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00066	0.0047	"	"	"	"	"	"	
Methylene chloride	ND	0.00076	0.0047	"	"	"	"	"	"	
Naphthalene	ND	0.00076	0.0047	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00076	0.0047	"	"	"	"	"	"	
Styrene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00066	0.0047	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00066	0.0047	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00085	0.0047	"	"	"	"	"	"	
Toluene	ND	0.00057	0.0047	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00085	0.0047	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00085	0.0047	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00057	0.0047	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00076	0.0047	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0047	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0047	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00076	0.0047	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0047	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00076	0.0047	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0095	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0047	"	"	"	"	"	"	
Ethanol	ND	0.75	4.7	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00076	0.0047	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00057	0.0047	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.47	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*97.8 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

T2-2@20'

1401874-04 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Surrogate: Toluene-d8	*96.3 %*	*70-130*	*A404561*	*18-Apr-14*	*18-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: 4-Bromofluorobenzene	*100 %*	*70-130*	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP1@4'
1401874-05 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*101 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.00067	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
Bromochloromethane	ND	0.00096	0.0048	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00057	0.0048	"	"	"	"	"	"	
Bromoform	ND	0.00067	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00086	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00077	0.0048	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00086	0.0048	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00038	0.0048	"	"	"	"	"	"	
Dibromomethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00057	0.0048	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00057	0.0048	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00057	0.0048	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00057	0.0048	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00096	0.0048	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00086	0.0048	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00077	0.0048	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP1@4'

1401874-05 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
cis-1,3-Dichloropropene	ND	0.00057	0.0048	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.00057	0.0048	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00057	0.0048	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00096	0.0048	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00067	0.0048	"	"	"	"	"	"	
Methylene chloride	ND	0.00077	0.0048	"	"	"	"	"	"	
Naphthalene	ND	0.00077	0.0048	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00086	0.0048	"	"	"	"	"	"	
Toluene	ND	0.00057	0.0048	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00086	0.0048	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00086	0.0048	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00057	0.0048	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00077	0.0048	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0048	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0048	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0096	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.75	4.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00057	0.0048	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*97.7 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*102 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*97.6 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP1@4'

1401874-05 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD1@4'
1401874-06 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*103 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.00069	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
Bromobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
Bromochloromethane	ND	0.00099	0.0049	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00059	0.0049	"	"	"	"	"	"	
Bromoform	ND	0.00069	0.0049	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0049	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00089	0.0049	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0049	"	"	"	"	"	"	
Chlorobenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0049	"	"	"	"	"	"	
Chloroform	ND	0.00049	0.0049	"	"	"	"	"	"	
Chloromethane	ND	0.0020	0.0049	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00079	0.0049	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00089	0.0049	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0049	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00039	0.0049	"	"	"	"	"	"	
Dibromomethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0049	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0049	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00059	0.0049	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00099	0.0049	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00069	0.0049	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00049	0.0049	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00089	0.0049	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00079	0.0049	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD1@4'

1401874-06 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

cis-1,3-Dichloropropene	ND	0.00059	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B
trans-1,3-Dichloropropene	ND	0.00049	0.0049	"	"	"	"	"	"
Ethylbenzene	ND	0.00059	0.0049	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.00059	0.0049	"	"	"	"	"	"
Hexachlorobutadiene	ND	0.00099	0.0049	"	"	"	"	"	"
Isopropylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
4-Isopropyl Toluene	ND	0.00069	0.0049	"	"	"	"	"	"
Methylene chloride	ND	0.00079	0.0049	"	"	"	"	"	"
Naphthalene	ND	0.00079	0.0049	"	"	"	"	"	"
n-Propylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"
Styrene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"
Tetrachloroethene (PCE)	ND	0.00089	0.0049	"	"	"	"	"	"
Toluene	ND	0.00059	0.0049	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.00089	0.0049	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.00089	0.0049	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.00059	0.0049	"	"	"	"	"	"
Trichloroethene (TCE)	ND	0.00079	0.0049	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0017	0.0049	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0012	0.0049	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"
Vinyl chloride	ND	0.0020	0.0049	"	"	"	"	"	"
Xylenes (total)	ND	0.0013	0.0049	"	"	"	"	"	"
t-Amyl Methyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"
t-Butyl alcohol	ND	0.0099	0.025	"	"	"	"	"	"
Diisopropyl Ether	ND	0.0013	0.0049	"	"	"	"	"	"
Ethanol	ND	0.78	4.9	"	"	"	"	"	"
Ethyl t-Butyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"
Methyl-t-butyl ether	ND	0.00059	0.0049	"	"	"	"	"	"

Surrogate: Dibromofluoromethane	*96.3 %*	*70-130*	"	"	"	"
Surrogate: Toluene-d8	*97.8 %*	*70-130*	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*100 %*	*70-130*	"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD1@4'

1401874-06 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP2@3'

1401874-07 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*103 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.00065	0.0046	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
Bromobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
Bromochloromethane	ND	0.00093	0.0046	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00056	0.0046	"	"	"	"	"	"	
Bromoform	ND	0.00065	0.0046	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0046	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00065	0.0046	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00065	0.0046	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00083	0.0046	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0046	"	"	"	"	"	"	
Chlorobenzene	ND	0.00065	0.0046	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0046	"	"	"	"	"	"	
Chloroform	ND	0.00046	0.0046	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0046	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00074	0.0046	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00083	0.0046	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00037	0.0046	"	"	"	"	"	"	
Dibromomethane	ND	0.00074	0.0046	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00056	0.0046	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00056	0.0046	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00056	0.0046	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0046	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00074	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00074	0.0046	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0046	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00056	0.0046	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00093	0.0046	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00065	0.0046	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00046	0.0046	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00083	0.0046	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00074	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP2@3'

1401874-07 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

cis-1,3-Dichloropropene	ND	0.00056	0.0046	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.00056	0.0046	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00056	0.0046	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00093	0.0046	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00065	0.0046	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00065	0.0046	"	"	"	"	"	"	
Methylene chloride	ND	0.00074	0.0046	"	"	"	"	"	"	
Naphthalene	ND	0.00074	0.0046	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00074	0.0046	"	"	"	"	"	"	
Styrene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00065	0.0046	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00065	0.0046	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00083	0.0046	"	"	"	"	"	"	
Toluene	ND	0.00056	0.0046	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00083	0.0046	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00083	0.0046	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00056	0.0046	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00074	0.0046	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0046	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00065	0.0046	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00074	0.0046	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0046	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00074	0.0046	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0093	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0046	"	"	"	"	"	"	
Ethanol	ND	0.73	4.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00074	0.0046	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00056	0.0046	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*97.4 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*100 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*96.7 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DP2@3'

1401874-07 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD2@3'

1401874-08 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*103 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B										
Benzene	ND	0.00065	0.0047	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
Bromobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
Bromochloromethane	ND	0.00093	0.0047	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00056	0.0047	"	"	"	"	"	"	
Bromoform	ND	0.00065	0.0047	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0047	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00065	0.0047	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00065	0.0047	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00084	0.0047	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0047	"	"	"	"	"	"	
Chlorobenzene	ND	0.00065	0.0047	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0047	"	"	"	"	"	"	
Chloroform	ND	0.00047	0.0047	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00074	0.0047	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00084	0.0047	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0047	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00037	0.0047	"	"	"	"	"	"	
Dibromomethane	ND	0.00074	0.0047	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0047	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00074	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00074	0.0047	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0047	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00056	0.0047	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00093	0.0047	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00065	0.0047	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00047	0.0047	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00084	0.0047	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00074	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD2@3'

1401874-08 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.00056	0.0047	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.00047	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00056	0.0047	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00093	0.0047	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00065	0.0047	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00065	0.0047	"	"	"	"	"	"	
Methylene chloride	ND	0.00074	0.0047	"	"	"	"	"	"	
Naphthalene	ND	0.00074	0.0047	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00074	0.0047	"	"	"	"	"	"	
Styrene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00065	0.0047	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00065	0.0047	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00084	0.0047	"	"	"	"	"	"	
Toluene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00084	0.0047	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00084	0.0047	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00056	0.0047	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00074	0.0047	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0047	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0047	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00065	0.0047	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00074	0.0047	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0047	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00074	0.0047	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0093	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0047	"	"	"	"	"	"	
Ethanol	ND	0.73	4.7	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00074	0.0047	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00056	0.0047	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*97.8 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*97.0 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.2 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

DD2@3'

1401874-08 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P1@3'

1401874-09 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Benzene	ND	0.00069	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
Bromochloromethane	ND	0.00099	0.0049	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00059	0.0049	"	"	"	"	"	"	
Bromoform	ND	0.00069	0.0049	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0049	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00089	0.0049	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0049	"	"	"	"	"	"	
Chlorobenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0049	"	"	"	"	"	"	
Chloroform	ND	0.00049	0.0049	"	"	"	"	"	"	
Chloromethane	ND	0.0020	0.0049	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00079	0.0049	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00089	0.0049	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0049	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00040	0.0049	"	"	"	"	"	"	
Dibromomethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0049	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0049	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00059	0.0049	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00099	0.0049	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00069	0.0049	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00049	0.0049	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00089	0.0049	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00079	0.0049	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00059	0.0049	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00049	0.0049	"	"	"	"	"	"	
Ethylbenzene	ND	0.00059	0.0049	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P1@3'

1401874-09 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dibromoethane (EDB)	ND	0.00059	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.00099	0.0049	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00069	0.0049	"	"	"	"	"	"	
Methylene chloride	ND	0.00079	0.0049	"	"	"	"	"	"	
Naphthalene	ND	0.00079	0.0049	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"	
Styrene	ND	0.00049	0.0049	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00089	0.0049	"	"	"	"	"	"	
Toluene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00089	0.0049	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00089	0.0049	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00059	0.0049	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00079	0.0049	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0049	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0049	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"	
Vinyl chloride	ND	0.0020	0.0049	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0049	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0099	0.025	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0049	"	"	"	"	"	"	
Ethanol	ND	0.78	4.9	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00059	0.0049	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.20	0.49	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*100 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*96.5 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.2 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P2@3'

1401874-10 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00069	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
Bromochloromethane	ND	0.00098	0.0049	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00059	0.0049	"	"	"	"	"	"	
Bromoform	ND	0.00069	0.0049	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0049	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00088	0.0049	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0049	"	"	"	"	"	"	
Chlorobenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0049	"	"	"	"	"	"	
Chloroform	ND	0.00049	0.0049	"	"	"	"	"	"	
Chloromethane	ND	0.0020	0.0049	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00078	0.0049	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00088	0.0049	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0049	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00039	0.0049	"	"	"	"	"	"	
Dibromomethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0049	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0049	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00059	0.0049	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00098	0.0049	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00069	0.0049	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00049	0.0049	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00088	0.0049	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00078	0.0049	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00059	0.0049	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00049	0.0049	"	"	"	"	"	"	
Ethylbenzene	ND	0.00059	0.0049	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P2@3'

1401874-10 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

1,2-Dibromoethane (EDB)	ND	0.00059	0.0049	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT
Hexachlorobutadiene	ND	0.00098	0.0049	"	"	"	"	"	"
Isopropylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
4-Isopropyl Toluene	ND	0.00069	0.0049	"	"	"	"	"	"
Methylene chloride	ND	0.00078	0.0049	"	"	"	"	"	"
Naphthalene	ND	0.00078	0.0049	"	"	"	"	"	"
n-Propylbenzene	ND	0.00078	0.0049	"	"	"	"	"	"
Styrene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"
Tetrachloroethene (PCE)	ND	0.00088	0.0049	"	"	"	"	"	"
Toluene	ND	0.00059	0.0049	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.00088	0.0049	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.00088	0.0049	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.00059	0.0049	"	"	"	"	"	"
Trichloroethene (TCE)	ND	0.00078	0.0049	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0017	0.0049	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0012	0.0049	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.00078	0.0049	"	"	"	"	"	"
Vinyl chloride	ND	0.0020	0.0049	"	"	"	"	"	"
Xylenes (total)	ND	0.0013	0.0049	"	"	"	"	"	"
t-Amyl Methyl Ether	ND	0.00078	0.0049	"	"	"	"	"	"
t-Butyl alcohol	ND	0.0098	0.025	"	"	"	"	"	"
Diisopropyl Ether	ND	0.0013	0.0049	"	"	"	"	"	"
Ethanol	ND	0.77	4.9	"	"	"	"	"	"
Ethyl t-Butyl Ether	ND	0.00078	0.0049	"	"	"	"	"	"
Methyl-t-butyl ether	ND	0.00059	0.0049	"	"	"	"	"	"
TPH Gasoline (C4-C12)	ND	0.20	0.49	"	"	"	"	"	"
Surrogate: Dibromofluoromethane			*101 %*	*70-130*		"	"	"	"
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*70-130*		"	"	"	"
Surrogate: Toluene-d8			*97.1 %*	*70-130*		"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P3@3'

1401874-11 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00070	0.0050	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00050	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0010	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00060	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.00070	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00070	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00070	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00090	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.00070	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0018	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.00050	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0020	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00080	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00090	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00040	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.00080	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00060	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00060	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00060	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00080	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00080	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00060	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0010	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00070	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00050	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00090	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00080	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00060	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00050	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.00060	0.0050	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P3@3'

1401874-11 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dibromoethane (EDB)	ND	0.00060	0.0050	mg/kg	1	A404561	18-Apr-14	18-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.0010	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00070	0.0050	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00070	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.00080	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.00080	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00080	0.0050	"	"	"	"	"	"	
Styrene	ND	0.00050	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00070	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00070	0.0050	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00090	0.0050	"	"	"	"	"	"	
Toluene	ND	0.00060	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00090	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00050	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00090	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00060	0.0050	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00080	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00070	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00080	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0020	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0050	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00080	0.0050	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.010	0.025	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0050	"	"	"	"	"	"	
Ethanol	ND	0.79	5.0	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00080	0.0050	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00060	0.0050	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.20	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*98.2 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*99.2 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P4@9'

1401874-12 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00068	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
Bromochloromethane	ND	0.00097	0.0048	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Bromoform	ND	0.00068	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00078	0.0048	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00039	0.0048	"	"	"	"	"	"	
Dibromomethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00097	0.0048	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00068	0.0048	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00087	0.0048	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00078	0.0048	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.00058	0.0048	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P4@9'

1401874-12 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

1,2-Dibromoethane (EDB)	ND	0.00058	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT
Hexachlorobutadiene	ND	0.00097	0.0048	"	"	"	"	"	"
Isopropylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"
4-Isopropyl Toluene	ND	0.00068	0.0048	"	"	"	"	"	"
Methylene chloride	ND	0.00078	0.0048	"	"	"	"	"	"
Naphthalene	ND	0.00078	0.0048	"	"	"	"	"	"
n-Propylbenzene	ND	0.00078	0.0048	"	"	"	"	"	"
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.00068	0.0048	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.00068	0.0048	"	"	"	"	"	"
Tetrachloroethene (PCE)	ND	0.00087	0.0048	"	"	"	"	"	"
Toluene	ND	0.00058	0.0048	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.00087	0.0048	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.00087	0.0048	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.00058	0.0048	"	"	"	"	"	"
Trichloroethene (TCE)	ND	0.00078	0.0048	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0012	0.0048	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.00078	0.0048	"	"	"	"	"	"
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"
Xylenes (total)	ND	0.0013	0.0048	"	"	"	"	"	"
t-Amyl Methyl Ether	ND	0.00078	0.0048	"	"	"	"	"	"
t-Butyl alcohol	ND	0.0097	0.024	"	"	"	"	"	"
Diisopropyl Ether	ND	0.0013	0.0048	"	"	"	"	"	"
Ethanol	ND	0.76	4.8	"	"	"	"	"	"
Ethyl t-Butyl Ether	ND	0.00078	0.0048	"	"	"	"	"	"
Methyl-t-butyl ether	ND	0.00058	0.0048	"	"	"	"	"	"
TPH Gasoline (C4-C12)	ND	0.19	0.48	"	"	"	"	"	"

Surrogate: Dibromofluoromethane	*102 %*	*70-130*	"	"	"
Surrogate: Toluene-d8	*96.3 %*	*70-130*	"	"	"
Surrogate: 4-Bromofluorobenzene	*103 %*	*70-130*	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P5@3'

1401874-13 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00066	0.0047	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
Bromochloromethane	ND	0.00094	0.0047	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00056	0.0047	"	"	"	"	"	"	
Bromoform	ND	0.00066	0.0047	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0047	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00085	0.0047	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0047	"	"	"	"	"	"	
Chlorobenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0047	"	"	"	"	"	"	
Chloroform	ND	0.00047	0.0047	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0047	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00075	0.0047	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00085	0.0047	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0047	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00038	0.0047	"	"	"	"	"	"	
Dibromomethane	ND	0.00075	0.0047	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00056	0.0047	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0047	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00075	0.0047	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00075	0.0047	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0047	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00056	0.0047	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00094	0.0047	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00066	0.0047	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00047	0.0047	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00085	0.0047	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00075	0.0047	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00056	0.0047	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00047	0.0047	"	"	"	"	"	"	
Ethylbenzene	ND	0.00056	0.0047	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

P5@3'

1401874-13 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dibromoethane (EDB)	ND	0.00056	0.0047	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.00094	0.0047	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00066	0.0047	"	"	"	"	"	"	
Methylene chloride	ND	0.00075	0.0047	"	"	"	"	"	"	
Naphthalene	ND	0.00075	0.0047	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00075	0.0047	"	"	"	"	"	"	
Styrene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00066	0.0047	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00066	0.0047	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00085	0.0047	"	"	"	"	"	"	
Toluene	ND	0.00056	0.0047	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00085	0.0047	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00047	0.0047	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00085	0.0047	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00056	0.0047	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00075	0.0047	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0047	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0047	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00066	0.0047	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00075	0.0047	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0047	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0047	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00075	0.0047	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0094	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0047	"	"	"	"	"	"	
Ethanol	ND	0.74	4.7	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00075	0.0047	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00056	0.0047	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.47	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*99.0 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*94.6 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.1 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD1@3'
1401874-14 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Benzene	ND	0.00069	0.0049	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT
Bromobenzene	ND	0.00049	0.0049	"	"	"	"	"	"
Bromochloromethane	ND	0.00099	0.0049	"	"	"	"	"	"
Bromodichloromethane	ND	0.00059	0.0049	"	"	"	"	"	"
Bromoform	ND	0.00069	0.0049	"	"	"	"	"	"
Bromomethane	ND	0.0017	0.0049	"	"	"	"	"	"
n-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
sec-Butylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"
tert-Butylbenzene	ND	0.00089	0.0049	"	"	"	"	"	"
Carbon tetrachloride	ND	0.0011	0.0049	"	"	"	"	"	"
Chlorobenzene	ND	0.00069	0.0049	"	"	"	"	"	"
Chloroethane	ND	0.0018	0.0049	"	"	"	"	"	"
Chloroform	ND	0.00049	0.0049	"	"	"	"	"	"
Chloromethane	ND	0.0020	0.0049	"	"	"	"	"	"
2-Chlorotoluene	ND	0.00079	0.0049	"	"	"	"	"	"
4-Chlorotoluene	ND	0.00089	0.0049	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0049	"	"	"	"	"	"
Dibromochloromethane	ND	0.00040	0.0049	"	"	"	"	"	"
Dibromomethane	ND	0.00079	0.0049	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.00059	0.0049	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.0016	0.0049	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.00079	0.0049	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.0013	0.0049	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.00059	0.0049	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.00099	0.0049	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.00069	0.0049	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.00049	0.0049	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.00089	0.0049	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.00079	0.0049	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.00059	0.0049	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.00049	0.0049	"	"	"	"	"	"
Ethylbenzene	ND	0.00059	0.0049	"	"	"	"	"	"

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

307 Roemer Way, Suite 300, Santa Maria, CA 93454 www.oecusa.com TEL: (805) 922-4772 FAX: (805) 925-3376

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD1@3'

1401874-14 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dibromoethane (EDB)	ND	0.00059	0.0049	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.00099	0.0049	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00069	0.0049	"	"	"	"	"	"	
Methylene chloride	ND	0.00079	0.0049	"	"	"	"	"	"	
Naphthalene	ND	0.00079	0.0049	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"	
Styrene	ND	0.00049	0.0049	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00069	0.0049	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00089	0.0049	"	"	"	"	"	"	
Toluene	ND	0.00059	0.0049	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00089	0.0049	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00089	0.0049	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00059	0.0049	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00079	0.0049	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0017	0.0049	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0049	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00069	0.0049	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00079	0.0049	"	"	"	"	"	"	
Vinyl chloride	ND	0.0020	0.0049	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0049	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0099	0.025	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0049	"	"	"	"	"	"	
Ethanol	ND	0.78	4.9	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00079	0.0049	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00059	0.0049	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.20	0.49	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*99.6 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.9 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*96.6 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD2@3'

1401874-15 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.00068	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
Bromochloromethane	ND	0.00097	0.0048	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Bromoform	ND	0.00068	0.0048	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"	
Chlorobenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"	
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00078	0.0048	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0048	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00039	0.0048	"	"	"	"	"	"	
Dibromomethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00078	0.0048	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0048	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00097	0.0048	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00068	0.0048	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00087	0.0048	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.00078	0.0048	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.00058	0.0048	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"	
Ethylbenzene	ND	0.00058	0.0048	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD2@3'

1401874-15 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dibromoethane (EDB)	ND	0.00058	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.00097	0.0048	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00068	0.0048	"	"	"	"	"	"	
Methylene chloride	ND	0.00078	0.0048	"	"	"	"	"	"	
Naphthalene	ND	0.00078	0.0048	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00078	0.0048	"	"	"	"	"	"	
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00068	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00068	0.0048	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00087	0.0048	"	"	"	"	"	"	
Toluene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00087	0.0048	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00078	0.0048	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00068	0.0048	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00078	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0048	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00078	0.0048	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0097	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.76	4.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00078	0.0048	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00058	0.0048	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.48	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*102 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.5 %*	*70-130*		"	"	"	"	
Surrogate: Toluene-d8			*96.3 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD3@4'

1401874-16 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Benzene	ND	0.00067	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT
Bromobenzene	ND	0.00048	0.0048	"	"	"	"	"	"
Bromochloromethane	ND	0.00096	0.0048	"	"	"	"	"	"
Bromodichloromethane	ND	0.00058	0.0048	"	"	"	"	"	"
Bromoform	ND	0.00067	0.0048	"	"	"	"	"	"
Bromomethane	ND	0.0016	0.0048	"	"	"	"	"	"
n-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"
sec-Butylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"
tert-Butylbenzene	ND	0.00087	0.0048	"	"	"	"	"	"
Carbon tetrachloride	ND	0.0011	0.0048	"	"	"	"	"	"
Chlorobenzene	ND	0.00067	0.0048	"	"	"	"	"	"
Chloroethane	ND	0.0017	0.0048	"	"	"	"	"	"
Chloroform	ND	0.00048	0.0048	"	"	"	"	"	"
Chloromethane	ND	0.0019	0.0048	"	"	"	"	"	"
2-Chlorotoluene	ND	0.00077	0.0048	"	"	"	"	"	"
4-Chlorotoluene	ND	0.00087	0.0048	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0048	"	"	"	"	"	"
Dibromochloromethane	ND	0.00039	0.0048	"	"	"	"	"	"
Dibromomethane	ND	0.00077	0.0048	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.00058	0.0048	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.0015	0.0048	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.00077	0.0048	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.0013	0.0048	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.00058	0.0048	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.00096	0.0048	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.00067	0.0048	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.00048	0.0048	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.00087	0.0048	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.00077	0.0048	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.00058	0.0048	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.00048	0.0048	"	"	"	"	"	"
Ethylbenzene	ND	0.00058	0.0048	"	"	"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

GD3@4'

1401874-16 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

1,2-Dibromoethane (EDB)	ND	0.00058	0.0048	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Hexachlorobutadiene	ND	0.00096	0.0048	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00067	0.0048	"	"	"	"	"	"	
Methylene chloride	ND	0.00077	0.0048	"	"	"	"	"	"	
Naphthalene	ND	0.00077	0.0048	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Styrene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00067	0.0048	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00087	0.0048	"	"	"	"	"	"	
Toluene	ND	0.00058	0.0048	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00087	0.0048	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00048	0.0048	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00087	0.0048	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00058	0.0048	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00077	0.0048	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0048	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0012	0.0048	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00067	0.0048	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00077	0.0048	"	"	"	"	"	"	
Vinyl chloride	ND	0.0019	0.0048	"	"	"	"	"	"	
Xylenes (total)	ND	0.0013	0.0048	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0096	0.024	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0013	0.0048	"	"	"	"	"	"	
Ethanol	ND	0.76	4.8	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00077	0.0048	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00058	0.0048	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.19	0.48	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	*97.5 %*	*70-130*	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*95.0 %*	*70-130*	"	"	"	"
Surrogate: Toluene-d8	*95.4 %*	*70-130*	"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

VL@2.5'

1401874-17 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	**59**	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*108 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00064	0.0046	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
Bromochloromethane	ND	0.00092	0.0046	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Bromoform	ND	0.00064	0.0046	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0046	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00083	0.0046	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0046	"	"	"	"	"	"	
Chlorobenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0046	"	"	"	"	"	"	
Chloroform	ND	0.00046	0.0046	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00073	0.0046	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00083	0.0046	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00037	0.0046	"	"	"	"	"	"	
Dibromomethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0046	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0046	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00092	0.0046	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00064	0.0046	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00046	0.0046	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00083	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

VL@2.5'

1401874-17 (Solid)

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	0.00073	0.0046	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
cis-1,3-Dichloropropene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00055	0.0046	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00092	0.0046	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00064	0.0046	"	"	"	"	"	"	
Methylene chloride	ND	0.00073	0.0046	"	"	"	"	"	"	
Naphthalene	ND	0.00073	0.0046	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Styrene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00083	0.0046	"	"	"	"	"	"	
Toluene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00083	0.0046	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00083	0.0046	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00073	0.0046	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0046	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0046	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0092	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0046	"	"	"	"	"	"	
Ethanol	ND	0.72	4.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00055	0.0046	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.18	0.46	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*101 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

VL@2.5'

1401874-17 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Surrogate: Toluene-d8			*94.6 %*	*70-130*		*A404561*	*18-Apr-14*	*19-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: 4-Bromofluorobenzene			*87.5 %*	*70-130*		*"*	*"*	*"*	*"*	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP1

1401874-18 (Solid)

Oilfield Environmental and Compliance

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	24-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*102 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00064	0.0046	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
Bromochloromethane	ND	0.00092	0.0046	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Bromoform	ND	0.00064	0.0046	"	"	"	"	"	"	
Bromomethane	ND	0.0016	0.0046	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00082	0.0046	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0010	0.0046	"	"	"	"	"	"	
Chlorobenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
Chloroethane	ND	0.0016	0.0046	"	"	"	"	"	"	
Chloroform	ND	0.00046	0.0046	"	"	"	"	"	"	
Chloromethane	ND	0.0018	0.0046	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00073	0.0046	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00082	0.0046	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00037	0.0046	"	"	"	"	"	"	
Dibromomethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0015	0.0046	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00073	0.0046	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0012	0.0046	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00092	0.0046	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00064	0.0046	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00046	0.0046	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00082	0.0046	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP1

1401874-18 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
Volatile Organic Compounds by EPA Method 8260B/LUFT										
1,1-Dichloropropene	ND	0.00073	0.0046	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
cis-1,3-Dichloropropene	ND	0.00055	0.0046	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"	"	"	"	"	"	
Ethylbenzene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.00055	0.0046	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.00092	0.0046	"	"	"	"	"	"	
Isopropylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
4-Isopropyl Toluene	ND	0.00064	0.0046	"	"	"	"	"	"	
Methylene chloride	ND	0.00073	0.0046	"	"	"	"	"	"	
Naphthalene	ND	0.00073	0.0046	"	"	"	"	"	"	
n-Propylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Styrene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.00064	0.0046	"	"	"	"	"	"	
Tetrachloroethene (PCE)	ND	0.00082	0.0046	"	"	"	"	"	"	
Toluene	ND	0.00055	0.0046	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.00082	0.0046	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.00082	0.0046	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.00055	0.0046	"	"	"	"	"	"	
Trichloroethene (TCE)	ND	0.00073	0.0046	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0016	0.0046	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.00064	0.0046	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.00073	0.0046	"	"	"	"	"	"	
Vinyl chloride	ND	0.0018	0.0046	"	"	"	"	"	"	
Xylenes (total)	ND	0.0012	0.0046	"	"	"	"	"	"	
t-Amyl Methyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	
t-Butyl alcohol	ND	0.0092	0.023	"	"	"	"	"	"	
Diisopropyl Ether	ND	0.0012	0.0046	"	"	"	"	"	"	
Ethanol	ND	0.72	4.6	"	"	"	"	"	"	
Ethyl t-Butyl Ether	ND	0.00073	0.0046	"	"	"	"	"	"	
Methyl-t-butyl ether	ND	0.00055	0.0046	"	"	"	"	"	"	
TPH Gasoline (C4-C12)	ND	0.18	0.46	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			*101 %*	*70-130*		"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP1

1401874-18 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Surrogate: 4-Bromofluorobenzene	*96.2 %*	*70-130*	*A404561*	*18-Apr-14*	*19-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: Toluene-d8	*95.2 %*	*70-130*	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP2

1401874-19 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Oilfield Environmental and Compliance										
TEPH by GC FID										
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg	1	A404624	22-Apr-14	23-Apr-14	EPA 8015M	
Surrogate: o-Terphenyl			*104 %*	*50-139*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B/LUFT										
Benzene	ND	0.00068	0.0049	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT	
Bromobenzene	ND	0.00049	0.0049	"	"	"	"	"	"	
Bromochloromethane	ND	0.00097	0.0049	"	"	"	"	"	"	
Bromodichloromethane	ND	0.00058	0.0049	"	"	"	"	"	"	
Bromoform	ND	0.00068	0.0049	"	"	"	"	"	"	
Bromomethane	ND	0.0017	0.0049	"	"	"	"	"	"	
n-Butylbenzene	ND	0.00068	0.0049	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.00068	0.0049	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.00087	0.0049	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0011	0.0049	"	"	"	"	"	"	
Chlorobenzene	ND	0.00068	0.0049	"	"	"	"	"	"	
Chloroethane	ND	0.0017	0.0049	"	"	"	"	"	"	
Chloroform	ND	0.00049	0.0049	"	"	"	"	"	"	
Chloromethane	ND	0.0019	0.0049	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.00078	0.0049	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.00087	0.0049	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0049	"	"	"	"	"	"	
Dibromochloromethane	ND	0.00039	0.0049	"	"	"	"	"	"	
Dibromomethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.00058	0.0049	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.00058	0.0049	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.00058	0.0049	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0016	0.0049	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.00078	0.0049	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0013	0.0049	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.00058	0.0049	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.00097	0.0049	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.00068	0.0049	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.00049	0.0049	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.00087	0.0049	"	"	"	"	"	"	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP2

1401874-19 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

1,1-Dichloropropene	ND	0.00078	0.0049	mg/kg	1	A404561	18-Apr-14	19-Apr-14	EPA 8260B/LUFT
cis-1,3-Dichloropropene	ND	0.00058	0.0049	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.00049	0.0049	"	"	"	"	"	"
Ethylbenzene	ND	0.00058	0.0049	"	"	"	"	"	"
1,2-Dibromoethane (EDB)	ND	0.00058	0.0049	"	"	"	"	"	"
Hexachlorobutadiene	ND	0.00097	0.0049	"	"	"	"	"	"
Isopropylbenzene	ND	0.00068	0.0049	"	"	"	"	"	"
4-Isopropyl Toluene	ND	0.00068	0.0049	"	"	"	"	"	"
Methylene chloride	ND	0.00078	0.0049	"	"	"	"	"	"
Naphthalene	ND	0.00078	0.0049	"	"	"	"	"	"
n-Propylbenzene	ND	0.00078	0.0049	"	"	"	"	"	"
Styrene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1,2-Tetrachloroethane	ND	0.00068	0.0049	"	"	"	"	"	"
1,1,2,2-Tetrachloroethane	ND	0.00068	0.0049	"	"	"	"	"	"
Tetrachloroethene (PCE)	ND	0.00087	0.0049	"	"	"	"	"	"
Toluene	ND	0.00058	0.0049	"	"	"	"	"	"
1,2,3-Trichlorobenzene	ND	0.00087	0.0049	"	"	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.00049	0.0049	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	0.00087	0.0049	"	"	"	"	"	"
1,1,2-Trichloroethane	ND	0.00058	0.0049	"	"	"	"	"	"
Trichloroethene (TCE)	ND	0.00078	0.0049	"	"	"	"	"	"
Trichlorofluoromethane	ND	0.0017	0.0049	"	"	"	"	"	"
1,2,3-Trichloropropane	ND	0.0012	0.0049	"	"	"	"	"	"
1,2,4-Trimethylbenzene	ND	0.00068	0.0049	"	"	"	"	"	"
1,3,5-Trimethylbenzene	ND	0.00078	0.0049	"	"	"	"	"	"
Vinyl chloride	ND	0.0019	0.0049	"	"	"	"	"	"
Xylenes (total)	ND	0.0013	0.0049	"	"	"	"	"	"
t-Amyl Methyl Ether	ND	0.00078	0.0049	"	"	"	"	"	"
t-Butyl alcohol	ND	0.0097	0.024	"	"	"	"	"	"
Diisopropyl Ether	ND	0.0013	0.0049	"	"	"	"	"	"
Ethanol	ND	0.77	4.9	"	"	"	"	"	"
Ethyl t-Butyl Ether	ND	0.00078	0.0049	"	"	"	"	"	"
Methyl-t-butyl ether	ND	0.00058	0.0049	"	"	"	"	"	"
TPH Gasoline (C4-C12)	ND	0.19	0.49	"	"	"	"	"	"
Surrogate: Dibromofluoromethane			*100 %*	*70-130*		"	"	"	"

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

SP2

1401874-19 (Solid)

Analyte	Result	MDL	PQL	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Oilfield Environmental and Compliance

Volatile Organic Compounds by EPA Method 8260B/LUFT

Surrogate: 4-Bromofluorobenzene	*95.5 %*	*70-130*	*A404561*	*18-Apr-14*	*19-Apr-14*	*EPA 8260B/LUFT*	
Surrogate: Toluene-d8	*95.9 %*	*70-130*	*"*	*"*	*"*	*"*	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

TEPH by GC FID - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404624 - EPA 3550B											
Blank (A404624-BLK1)					Prepared: 22-Apr-14 Analyzed: 23-Apr-14						
TPH Diesel (C13-C22)	ND	7.6	10	mg/kg							
Surrogate: o-Terphenyl	*51.9*			"	*50.0*		*104*	*50-139*			
LCS (A404624-BS1)					Prepared: 22-Apr-14 Analyzed: 23-Apr-14						
TPH Diesel (C13-C22)	516	7.6	10	mg/kg	500		103	73-116			
Surrogate: o-Terphenyl	*49.7*			"	*50.0*		*99.4*	*50-139*			
LCS Dup (A404624-BSD1)					Prepared: 22-Apr-14 Analyzed: 23-Apr-14						
TPH Diesel (C13-C22)	538	7.6	10	mg/kg	500		108	73-116	4.23	20	
Surrogate: o-Terphenyl	*49.6*			"	*50.0*		*99.2*	*50-139*			
Duplicate (A404624-DUP1)	**Source: 1401874-19**				Prepared: 22-Apr-14 Analyzed: 24-Apr-14						
TPH Diesel (C13-C22)	7.94	7.6	10	mg/kg		ND				20	J
Surrogate: o-Terphenyl	*52.2*			"	*50.0*		*104*	*50-139*			
Matrix Spike (A404624-MS1)	**Source: 1401874-02**				Prepared: 22-Apr-14 Analyzed: 23-Apr-14						
TPH Diesel (C13-C22)	546	7.6	10	mg/kg	500	ND	109	47-142			
Surrogate: o-Terphenyl	*49.9*			"	*50.0*		*99.8*	*50-139*			
Matrix Spike Dup (A404624-MSD1)	**Source: 1401874-02**				Prepared: 22-Apr-14 Analyzed: 24-Apr-14						
TPH Diesel (C13-C22)	554	7.6	10	mg/kg	500	ND	111	47-142	1.47	20	
Surrogate: o-Terphenyl	*50.8*			"	*50.0*		*102*	*50-139*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Blank (A404561-BLK1)					Prepared & Analyzed: 18-Apr-14						
Benzene	ND	0.00070	0.0050	mg/kg							
Bromobenzene	ND	0.00050	0.0050	"							
Bromochloromethane	ND	0.0010	0.0050	"							
Bromodichloromethane	ND	0.00060	0.0050	"							
Bromoform	ND	0.00070	0.0050	"							
Bromomethane	ND	0.0017	0.0050	"							
n-Butylbenzene	ND	0.00070	0.0050	"							
sec-Butylbenzene	ND	0.00070	0.0050	"							
tert-Butylbenzene	ND	0.00090	0.0050	"							
Carbon tetrachloride	ND	0.0011	0.0050	"							
Chlorobenzene	ND	0.00070	0.0050	"							
Chloroethane	ND	0.0018	0.0050	"							
Chloroform	ND	0.00050	0.0050	"							
Chloromethane	ND	0.0020	0.0050	"							
2-Chlorotoluene	ND	0.00080	0.0050	"							
4-Chlorotoluene	ND	0.00090	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0050	"							
Dibromochloromethane	ND	0.00040	0.0050	"							
Dibromomethane	ND	0.00080	0.0050	"							
1,2-Dichlorobenzene	ND	0.00060	0.0050	"							
1,3-Dichlorobenzene	ND	0.00060	0.0050	"							
1,4-Dichlorobenzene	ND	0.00060	0.0050	"							
Dichlorodifluoromethane	ND	0.0016	0.0050	"							
1,1-Dichloroethane	ND	0.00080	0.0050	"							
1,2-Dichloroethane	ND	0.00080	0.0050	"							
1,1-Dichloroethene	ND	0.0013	0.0050	"							
cis-1,2-Dichloroethene	ND	0.00060	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0010	0.0050	"							
1,2-Dichloropropane	ND	0.00070	0.0050	"							
1,3-Dichloropropane	ND	0.00050	0.0050	"							
2,2-Dichloropropane	ND	0.00090	0.0050	"							
1,1-Dichloropropene	ND	0.00080	0.0050	"							
cis-1,3-Dichloropropene	ND	0.00060	0.0050	"							
trans-1,3-Dichloropropene	ND	0.00050	0.0050	"							
Ethylbenzene	ND	0.00060	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.00060	0.0050	"							
Hexachlorobutadiene	ND	0.0010	0.0050	"							
Isopropylbenzene	ND	0.00070	0.0050	"							
4-Isopropyl Toluene	ND	0.00070	0.0050	"							
Methylene chloride	ND	0.00080	0.0050	"							

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Blank (A404561-BLK1)				Prepared & Analyzed: 18-Apr-14							
Naphthalene	ND	0.00080	0.0050	mg/kg							
n-Propylbenzene	ND	0.00080	0.0050	"							
Styrene	ND	0.00050	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.00070	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.00070	0.0050	"							
Tetrachloroethene (PCE)	ND	0.00090	0.0050	"							
Toluene	ND	0.00060	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.00090	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.00050	0.0050	"							
1,1,1-Trichloroethane	ND	0.00090	0.0050	"							
1,1,2-Trichloroethane	ND	0.00060	0.0050	"							
Trichloroethene (TCE)	ND	0.00080	0.0050	"							
Trichlorofluoromethane	ND	0.0017	0.0050	"							
1,2,3-Trichloropropane	ND	0.0012	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.00070	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.00080	0.0050	"							
Vinyl chloride	ND	0.0020	0.0050	"							
Xylenes (total)	ND	0.0013	0.0050	"							
t-Amyl Methyl Ether	ND	0.00080	0.0050	"							
t-Butyl alcohol	ND	0.010	0.025	"							
Diisopropyl Ether	ND	0.0013	0.0050	"							
Ethanol	ND	0.79	5.0	"							
Ethyl t-Butyl Ether	ND	0.00080	0.0050	"							
Methyl-t-butyl ether	ND	0.00060	0.0050	"							
Surrogate: Dibromofluoromethane	*0.0496*			"	*0.0500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.0498*			"	*0.0500*		*99.5*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0512*			"	*0.0500*		*102*	*70-130*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
LCS (A404561-BS1)					Prepared & Analyzed: 18-Apr-14						
Benzene	0.0980	0.00066	0.0047	mg/kg	0.0943		104	70-130			
Chlorobenzene	0.0932	0.00066	0.0047	"	0.0943		98.8	70-130			
1,1-Dichloroethene	0.101	0.0012	0.0047	"	0.0943		107	70-130			
Toluene	0.0981	0.00057	0.0047	"	0.0943		104	70-130			
Trichloroethene (TCE)	0.106	0.00075	0.0047	"	0.0943		113	70-130			
Surrogate: Dibromofluoromethane	*0.0463*			"	*0.0472*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.0460*			"	*0.0472*		*97.6*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0476*			"	*0.0472*		*101*	*70-130*			
LCS Dup (A404561-BSD1)					Prepared & Analyzed: 18-Apr-14						
Benzene	0.0969	0.00069	0.0049	mg/kg	0.0988		98.1	70-130	1.11	20	
Chlorobenzene	0.0917	0.00069	0.0049	"	0.0988		92.8	70-130	1.67	20	
1,1-Dichloroethene	0.0949	0.0013	0.0049	"	0.0988		96.1	70-130	5.75	20	
Toluene	0.0951	0.00059	0.0049	"	0.0988		96.2	70-130	3.16	20	
Trichloroethene (TCE)	0.102	0.00079	0.0049	"	0.0988		104	70-130	3.76	20	
Surrogate: Dibromofluoromethane	*0.0467*			"	*0.0494*		*94.6*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0496*			"	*0.0494*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.0476*			"	*0.0494*		*96.4*	*70-130*			
Duplicate (A404561-DUP1)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
Benzene	ND	0.00065	0.0046	mg/kg		ND				20	
Bromobenzene	ND	0.00046	0.0046	"		ND				20	
Bromochloromethane	ND	0.00093	0.0046	"		ND				20	
Bromodichloromethane	ND	0.00056	0.0046	"		ND				20	
Bromoform	ND	0.00065	0.0046	"		ND				20	
Bromomethane	ND	0.0016	0.0046	"		ND				20	
n-Butylbenzene	ND	0.00065	0.0046	"		ND				20	
sec-Butylbenzene	ND	0.00065	0.0046	"		ND				20	
tert-Butylbenzene	ND	0.00084	0.0046	"		ND				20	
Carbon tetrachloride	ND	0.0010	0.0046	"		ND				20	
Chlorobenzene	ND	0.00065	0.0046	"		ND				20	
Chloroethane	ND	0.0017	0.0046	"		ND				20	
Chloroform	ND	0.00046	0.0046	"		ND				20	
Chloromethane	ND	0.0019	0.0046	"		ND				20	
2-Chlorotoluene	ND	0.00074	0.0046	"		ND				20	
4-Chlorotoluene	ND	0.00084	0.0046	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"		ND				20	
Dibromochloromethane	ND	0.00037	0.0046	"		ND				20	
Dibromomethane	ND	0.00074	0.0046	"		ND				20	
1,2-Dichlorobenzene	ND	0.00056	0.0046	"		ND				20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Duplicate (A404561-DUP1)	**Source: 1401874-03**			Prepared & Analyzed: 18-Apr-14							
1,3-Dichlorobenzene	ND	0.00056	0.0046	mg/kg		ND				20	
1,4-Dichlorobenzene	ND	0.00056	0.0046	"		ND				20	
Dichlorodifluoromethane	ND	0.0015	0.0046	"		ND				20	
1,1-Dichloroethane	ND	0.00074	0.0046	"		ND				20	
1,2-Dichloroethane	ND	0.00074	0.0046	"		ND				20	
1,1-Dichloroethene	ND	0.0012	0.0046	"		ND				20	
cis-1,2-Dichloroethene	ND	0.00056	0.0046	"		ND				20	
trans-1,2-Dichloroethene	ND	0.00093	0.0046	"		ND				20	
1,2-Dichloropropane	ND	0.00065	0.0046	"		ND				20	
1,3-Dichloropropane	ND	0.00046	0.0046	"		ND				20	
2,2-Dichloropropane	ND	0.00084	0.0046	"		ND				20	
1,1-Dichloropropene	ND	0.00074	0.0046	"		ND				20	
cis-1,3-Dichloropropene	ND	0.00056	0.0046	"		ND				20	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"		ND				20	
Ethylbenzene	ND	0.00056	0.0046	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.00056	0.0046	"		ND				20	
Hexachlorobutadiene	ND	0.00093	0.0046	"		ND				20	
Isopropylbenzene	ND	0.00065	0.0046	"		ND				20	
4-Isopropyl Toluene	ND	0.00065	0.0046	"		ND				20	
Methylene chloride	ND	0.00074	0.0046	"		ND				20	
Naphthalene	ND	0.00074	0.0046	"		ND				20	
n-Propylbenzene	ND	0.00074	0.0046	"		ND				20	
Styrene	ND	0.00046	0.0046	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.00065	0.0046	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.00065	0.0046	"		ND				20	
Tetrachloroethene (PCE)	ND	0.00084	0.0046	"		ND				20	
Toluene	ND	0.00056	0.0046	"		ND				20	
1,2,3-Trichlorobenzene	ND	0.00084	0.0046	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"		ND				20	
1,1,1-Trichloroethane	ND	0.00084	0.0046	"		ND				20	
1,1,2-Trichloroethane	ND	0.00056	0.0046	"		ND				20	
Trichloroethene (TCE)	ND	0.00074	0.0046	"		ND				20	
Trichlorofluoromethane	ND	0.0016	0.0046	"		ND				20	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"		ND				20	
1,2,4-Trimethylbenzene	ND	0.00065	0.0046	"		ND				20	
1,3,5-Trimethylbenzene	ND	0.00074	0.0046	"		ND				20	
Vinyl chloride	ND	0.0019	0.0046	"		ND				20	
Xylenes (total)	ND	0.0012	0.0046	"		ND				20	
t-Amyl Methyl Ether	ND	0.00074	0.0046	"		ND				20	
t-Butyl alcohol	ND	0.0093	0.023	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Duplicate (A404561-DUP1)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
Diisopropyl Ether	ND	0.0012	0.0046	mg/kg		ND				20	
Ethanol	ND	0.73	4.6	"		ND				20	
Ethyl t-Butyl Ether	ND	0.00074	0.0046	"		ND				20	
Methyl-t-butyl ether	ND	0.00056	0.0046	"		ND				20	
Surrogate: Dibromofluoromethane	*0.0463*			"	*0.0465*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.0455*			"	*0.0465*		*98.0*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0473*			"	*0.0465*		*102*	*70-130*			
Matrix Spike (A404561-MS1)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
Benzene	0.0971	0.00066	0.0047	mg/kg	0.0940	ND	103	70-130			
Chlorobenzene	0.0949	0.00066	0.0047	"	0.0940	ND	101	70-130			
1,1-Dichloroethene	0.0985	0.0012	0.0047	"	0.0940	ND	105	70-130			
Toluene	0.0985	0.00056	0.0047	"	0.0940	ND	105	70-130			
Trichloroethene (TCE)	0.106	0.00075	0.0047	"	0.0940	ND	112	70-130			
Surrogate: Dibromofluoromethane	*0.0460*			"	*0.0470*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.0459*			"	*0.0470*		*97.8*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0474*			"	*0.0470*		*101*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	23-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Blank (A404561-BLK1)				Prepared & Analyzed: 18-Apr-14							
Benzene	ND	0.00070	0.0050	mg/kg							
Bromobenzene	ND	0.00050	0.0050	"							
Bromochloromethane	ND	0.0010	0.0050	"							
Bromodichloromethane	ND	0.00060	0.0050	"							
Bromoform	ND	0.00070	0.0050	"							
Bromomethane	ND	0.0017	0.0050	"							
n-Butylbenzene	ND	0.00070	0.0050	"							
sec-Butylbenzene	ND	0.00070	0.0050	"							
tert-Butylbenzene	ND	0.00090	0.0050	"							
Carbon tetrachloride	ND	0.0011	0.0050	"							
Chlorobenzene	ND	0.00070	0.0050	"							
Chloroethane	ND	0.0018	0.0050	"							
Chloroform	ND	0.00050	0.0050	"							
Chloromethane	ND	0.0020	0.0050	"							
2-Chlorotoluene	ND	0.00080	0.0050	"							
4-Chlorotoluene	ND	0.00090	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.0013	0.0050	"							
Dibromochloromethane	ND	0.00040	0.0050	"							
Dibromomethane	ND	0.00080	0.0050	"							
1,2-Dichlorobenzene	ND	0.00060	0.0050	"							
1,3-Dichlorobenzene	ND	0.00060	0.0050	"							
1,4-Dichlorobenzene	ND	0.00060	0.0050	"							
Dichlorodifluoromethane	ND	0.0016	0.0050	"							
1,1-Dichloroethane	ND	0.00080	0.0050	"							
1,2-Dichloroethane	ND	0.00080	0.0050	"							
1,1-Dichloroethene	ND	0.0013	0.0050	"							
cis-1,2-Dichloroethene	ND	0.00060	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0010	0.0050	"							
1,2-Dichloropropane	ND	0.00070	0.0050	"							
1,3-Dichloropropane	ND	0.00050	0.0050	"							
2,2-Dichloropropane	ND	0.00090	0.0050	"							
1,1-Dichloropropene	ND	0.00080	0.0050	"							
cis-1,3-Dichloropropene	ND	0.00060	0.0050	"							
trans-1,3-Dichloropropene	ND	0.00050	0.0050	"							
Ethylbenzene	ND	0.00060	0.0050	"							
1,2-Dibromoethane (EDB)	ND	0.00060	0.0050	"							
Hexachlorobutadiene	ND	0.0010	0.0050	"							
Isopropylbenzene	ND	0.00070	0.0050	"							
4-Isopropyl Toluene	ND	0.00070	0.0050	"							
Methylene chloride	ND	0.00080	0.0050	"							

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Blank (A404561-BLK1)					Prepared & Analyzed: 18-Apr-14						
Naphthalene	ND	0.00080	0.0050	mg/kg							
n-Propylbenzene	ND	0.00080	0.0050	"							
Styrene	ND	0.00050	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.00070	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.00070	0.0050	"							
Tetrachloroethene (PCE)	ND	0.00090	0.0050	"							
Toluene	ND	0.00060	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.00090	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.00050	0.0050	"							
1,1,1-Trichloroethane	ND	0.00090	0.0050	"							
1,1,2-Trichloroethane	ND	0.00060	0.0050	"							
Trichloroethene (TCE)	ND	0.00080	0.0050	"							
Trichlorofluoromethane	ND	0.0017	0.0050	"							
1,2,3-Trichloropropane	ND	0.0012	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.00070	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.00080	0.0050	"							
Vinyl chloride	ND	0.0020	0.0050	"							
Xylenes (total)	ND	0.0013	0.0050	"							
t-Amyl Methyl Ether	ND	0.00080	0.0050	"							
t-Butyl alcohol	ND	0.010	0.025	"							
Diisopropyl Ether	ND	0.0013	0.0050	"							
Ethanol	ND	0.79	5.0	"							
Ethyl t-Butyl Ether	ND	0.00080	0.0050	"							
Methyl-t-butyl ether	ND	0.00060	0.0050	"							
TPH Gasoline (C4-C12)	ND	0.20	0.50	"							
Surrogate: Dibromofluoromethane	*0.0496*			"	*0.0500*		*99.2*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0512*			"	*0.0500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.0498*			"	*0.0500*		*99.5*	*70-130*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
LCS (A404561-BS1)					Prepared & Analyzed: 18-Apr-14						
Benzene	0.0980	0.00066	0.0047	mg/kg	0.0943		104	70-130			
Chlorobenzene	0.0932	0.00066	0.0047	"	0.0943		98.8	70-130			
1,1-Dichloroethene	0.101	0.0012	0.0047	"	0.0943		107	70-130			
Toluene	0.0981	0.00057	0.0047	"	0.0943		104	70-130			
Trichloroethene (TCE)	0.106	0.00075	0.0047	"	0.0943		113	70-130			
TPH Gasoline (C4-C12)	ND	0.19	0.47	"				70-130			
Surrogate: Dibromofluoromethane	*0.0463*			"	*0.0472*		*98.2*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0476*			"	*0.0472*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.0460*			"	*0.0472*		*97.6*	*70-130*			
LCS (A404561-BS2)					Prepared & Analyzed: 18-Apr-14						
TPH Gasoline (C4-C12)	1.82	0.20	0.49	mg/kg	1.98		92.3	70-130			
Surrogate: Dibromofluoromethane	*0.0489*			"	*0.0494*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.0490*			"	*0.0494*		*99.2*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0521*			"	*0.0494*		*105*	*70-130*			
LCS Dup (A404561-BSD1)					Prepared & Analyzed: 18-Apr-14						
Benzene	0.0969	0.00069	0.0049	mg/kg	0.0988		98.1	70-130	1.11	20	
Chlorobenzene	0.0917	0.00069	0.0049	"	0.0988		92.8	70-130	1.67	20	
1,1-Dichloroethene	0.0949	0.0013	0.0049	"	0.0988		96.1	70-130	5.75	20	
Toluene	0.0951	0.00059	0.0049	"	0.0988		96.2	70-130	3.16	20	
Trichloroethene (TCE)	0.102	0.00079	0.0049	"	0.0988		104	70-130	3.76	20	
Surrogate: Dibromofluoromethane	*0.0467*			"	*0.0494*		*94.6*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0496*			"	*0.0494*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.0476*			"	*0.0494*		*96.4*	*70-130*			
LCS Dup (A404561-BSD2)					Prepared & Analyzed: 18-Apr-14						
TPH Gasoline (C4-C12)	1.58	0.20	0.49	mg/kg	1.96		80.3	70-130	14.5	20	
Surrogate: Dibromofluoromethane	*0.0464*			"	*0.0491*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.0476*			"	*0.0491*		*97.0*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0508*			"	*0.0491*		*103*	*70-130*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Duplicate (A404561-DUP1)	**Source: 1401874-03**			Prepared & Analyzed: 18-Apr-14							
Benzene	ND	0.00065	0.0046	mg/kg		ND				20	
Bromobenzene	ND	0.00046	0.0046	"		ND				20	
Bromochloromethane	ND	0.00093	0.0046	"		ND				20	
Bromodichloromethane	ND	0.00056	0.0046	"		ND				20	
Bromoform	ND	0.00065	0.0046	"		ND				20	
Bromomethane	ND	0.0016	0.0046	"		ND				20	
n-Butylbenzene	ND	0.00065	0.0046	"		ND				20	
sec-Butylbenzene	ND	0.00065	0.0046	"		ND				20	
tert-Butylbenzene	ND	0.00084	0.0046	"		ND				20	
Carbon tetrachloride	ND	0.0010	0.0046	"		ND				20	
Chlorobenzene	ND	0.00065	0.0046	"		ND				20	
Chloroethane	ND	0.0017	0.0046	"		ND				20	
Chloroform	ND	0.00046	0.0046	"		ND				20	
Chloromethane	ND	0.0019	0.0046	"		ND				20	
2-Chlorotoluene	ND	0.00074	0.0046	"		ND				20	
4-Chlorotoluene	ND	0.00084	0.0046	"		ND				20	
1,2-Dibromo-3-chloropropane	ND	0.0012	0.0046	"		ND				20	
Dibromochloromethane	ND	0.00037	0.0046	"		ND				20	
Dibromomethane	ND	0.00074	0.0046	"		ND				20	
1,2-Dichlorobenzene	ND	0.00056	0.0046	"		ND				20	
1,3-Dichlorobenzene	ND	0.00056	0.0046	"		ND				20	
1,4-Dichlorobenzene	ND	0.00056	0.0046	"		ND				20	
Dichlorodifluoromethane	ND	0.0015	0.0046	"		ND				20	
1,1-Dichloroethane	ND	0.00074	0.0046	"		ND				20	
1,2-Dichloroethane	ND	0.00074	0.0046	"		ND				20	
1,1-Dichloroethene	ND	0.0012	0.0046	"		ND				20	
cis-1,2-Dichloroethene	ND	0.00056	0.0046	"		ND				20	
trans-1,2-Dichloroethene	ND	0.00093	0.0046	"		ND				20	
1,2-Dichloropropane	ND	0.00065	0.0046	"		ND				20	
1,3-Dichloropropane	ND	0.00046	0.0046	"		ND				20	
2,2-Dichloropropane	ND	0.00084	0.0046	"		ND				20	
1,1-Dichloropropene	ND	0.00074	0.0046	"		ND				20	
cis-1,3-Dichloropropene	ND	0.00056	0.0046	"		ND				20	
trans-1,3-Dichloropropene	ND	0.00046	0.0046	"		ND				20	
Ethylbenzene	ND	0.00056	0.0046	"		ND				20	
1,2-Dibromoethane (EDB)	ND	0.00056	0.0046	"		ND				20	
Hexachlorobutadiene	ND	0.00093	0.0046	"		ND				20	
Isopropylbenzene	ND	0.00065	0.0046	"		ND				20	
4-Isopropyl Toluene	ND	0.00065	0.0046	"		ND				20	
Methylene chloride	ND	0.00074	0.0046	"		ND				20	

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	**Reported:**
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Duplicate (A404561-DUP1)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
Naphthalene	ND	0.00074	0.0046	mg/kg		ND				20	
n-Propylbenzene	ND	0.00074	0.0046	"		ND				20	
Styrene	ND	0.00046	0.0046	"		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.00065	0.0046	"		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.00065	0.0046	"		ND				20	
Tetrachloroethene (PCE)	ND	0.00084	0.0046	"		ND				20	
Toluene	ND	0.00056	0.0046	"		ND				20	
1,2,3-Trichlorobenzene	ND	0.00084	0.0046	"		ND				20	
1,2,4-Trichlorobenzene	ND	0.00046	0.0046	"		ND				20	
1,1,1-Trichloroethane	ND	0.00084	0.0046	"		ND				20	
1,1,2-Trichloroethane	ND	0.00056	0.0046	"		ND				20	
Trichloroethene (TCE)	ND	0.00074	0.0046	"		ND				20	
Trichlorofluoromethane	ND	0.0016	0.0046	"		ND				20	
1,2,3-Trichloropropane	ND	0.0011	0.0046	"		ND				20	
1,2,4-Trimethylbenzene	ND	0.00065	0.0046	"		ND				20	
1,3,5-Trimethylbenzene	ND	0.00074	0.0046	"		ND				20	
Vinyl chloride	ND	0.0019	0.0046	"		ND				20	
Xylenes (total)	ND	0.0012	0.0046	"		ND				20	
t-Amyl Methyl Ether	ND	0.00074	0.0046	"		ND				20	
t-Butyl alcohol	ND	0.0093	0.023	"		ND				20	
Diisopropyl Ether	ND	0.0012	0.0046	"		ND				20	
Ethanol	ND	0.73	4.6	"		ND				20	
Ethyl t-Butyl Ether	ND	0.00074	0.0046	"		ND				20	
Methyl-t-butyl ether	ND	0.00056	0.0046	"		ND				20	
TPH Gasoline (C4-C12)	ND	0.19	0.46	"		ND				20	
Surrogate: Dibromofluoromethane	*0.0463*			"	*0.0465*		*99.7*	*70-130*			
Surrogate: Toluene-d8	*0.0455*			"	*0.0465*		*98.0*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0473*			"	*0.0465*		*102*	*70-130*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Volatile Organic Compounds by EPA Method 8260B/LUFT - Quality Control

Analyte	Result	MDL	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A404561 - EPA 5035/5030B MEOH											
Matrix Spike (A404561-MS1)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
Benzene	0.0971	0.00066	0.0047	mg/kg	0.0940	ND	103	70-130			
Chlorobenzene	0.0949	0.00066	0.0047	"	0.0940	ND	101	70-130			
1,1-Dichloroethene	0.0985	0.0012	0.0047	"	0.0940	ND	105	70-130			
Toluene	0.0985	0.00056	0.0047	"	0.0940	ND	105	70-130			
Trichloroethene (TCE)	0.106	0.00075	0.0047	"	0.0940	ND	112	70-130			
Surrogate: Dibromofluoromethane	*0.0460*			"	*0.0470*		*97.8*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0474*			"	*0.0470*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.0459*			"	*0.0470*		*97.8*	*70-130*			
Matrix Spike (A404561-MS2)	**Source: 1401874-03**				Prepared & Analyzed: 18-Apr-14						
TPH Gasoline (C4-C12)	1.74	0.19	0.47	mg/kg	1.89	ND	92.0	70-130			
Surrogate: Dibromofluoromethane	*0.0471*			"	*0.0473*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.0470*			"	*0.0473*		*99.3*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.0491*			"	*0.0473*		*104*	*70-130*			

DMI-EMK Environmental Services Inc. Ventura	Project: Tank Removal	
1056 Meta Street, Suite 101	Project Number: Chumash Station	Reported:
Ventura CA, 93001	Project Manager: Eric Kirkegaard	25-Apr-14 12:37

Notes and Definitions

J	Detected but below the RL/PQL; therefore, result is an estimated concentration.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Oilfield Environmental and Compliance

307 Roemer Way, Santa Maria CA 93454
phone: (805) 922-4772 fax: (805) 925-3376
www.oecusa.com
101 Adkisson Way, Taft, CA 93268
phone: (661) 762-9143

Rev 08/2012

CHAIN OF CUSTODY

Company: DMI-EMK ENVIRONMENTAL
Address: 1096 E. MAIN ST #101
City/State/ZIP: VENTURA, CA 93001
Phone: (805) 653-0633 Fax: E-mail:
Report To: DMI-EMK / BAT Sampler: ERIC KLEGAARD
Send report via- FAX- ☐ PDF- ☒ Geotracker EDF- ☐ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days- ☒ 72 hr- ☐ 48 hr- ☐ 24 hr- ☐ ASAP- ☐

Project Name/#: TANK REMOVAL
Site: CHUMASH STATION

OEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	TPH-D (8015)	TPH-G (8260)	VOC's (8260)	Special Instructions:
1A	4/17/14 1430	SOIL	1	T1-1@20'	X	X	X	
2A	1645		1	T1-2@20'	X	X	X	
3A	1435		1	T2-1@20'	X	X	X	
4A	1449		1	T2-2@20'	X	X	X	
5A	1510		1	DP1@4'	X		X	
6A	1515		1	DD1@4'	X		X	
7A	1520		1	DP2@3'	X		X	
8A	1525		1	DD3@3'	X		X	
9A	1535		1	P1@3'		X	X	
10A	1540		1	P2@3'		X	X	
11A	1545		1	P3@3'		X	X	
12A	1600	↓	1	P4@9'		X	X	

Relinquished By:	Date: 4/17/14	Time:
Received By:	Date: 4/17/14	Time: 5:25
Relinquished By:	Date: 4/17/14	Time: 6:00
Received By:	Date: 04/17/14	Time: 1800
Relinquished By:	Date:	Time:
Received By:	Date:	Time:

** Matrix Key
A = vapor / air
S = solid / sediment
P = product / oil
HW = haz waste (Liq.)
WATER Types:
DW = drinking
GW = ground
PW = produced
SW = surface
WW = waste

Comments/PO#:
RESULTS TO DMI-EMK & BAT
BILL TO BAT
REC'D @ 9.0°C

Oilfield Environmental and Compliance
307 Roemer Way, Santa Maria CA 93454
phone: (805) 922-4772 fax: (805) 925-3376 www.oecusa.com

Rev 05/2012

101 Adkisson Way, Taft, CA 93268
phone: (661) 762-9143

CHAIN OF CUSTODY

Company: DMI-EMK ENVIRONMENTAL
Address: 1056 E. MEDIA ST #101
City/State/ZIP: VENTURA, CA 93001
Phone: (805) 6530633 Fax: E-mail: DMI-EMK & B&T
Report To: DMI-EMK/B&T Sampler: ERIC KIRKEGAARD
Send report via- FAX- ☐ PDF- ☒ Geotracker EDF- ☐ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days- ☒ 72 hr- ☐ 48 hr- ☐ 24 hr- ☐ ASAP- ☐

Project Name/#: TANK REMOVAL
Site: CHEVRON STATION

OEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	Analysis Requested: TPH-DRO (8015)	TPH-GRO (8015)	BTEX (8260)	Special Instructions:
1404514-01A	4/17/14 1615	Soil	1	B3e3'		X	X	
14A	1550		1	GD1e3'		X	X	
15A	1550		1	GD2e3'		X	X	
16A	1555		1	GD3e4'		X	X	
17A	1625		1	VLe2.5'	X	X	X	
18A	1635		1	SP1	X	X	X	
19A	1640		1	SP2	X	X	X	

Relinquished By:		Date: 4/17/14	Time:
Received By:		Date: 4/17/14	Time: 5:25
Relinquished By:		Date: 4/17/14	Time: 6:00
Received By:		Date: 04/17/14	Time: 1800
Relinquished By:		Date:	Time:
Received By:		Date:	Time:

** Matrix Key
A = vapor / air
S = solid / sediment
P = product / oil
HW = haz waste (Liq.)
WATER Types:
DW = drinking
GW = ground
PW = produced
SW = surface
WW = waste

Comments/PO#:
RESULTS TO DMI-EMK & B&T
BILL TO B&T

OEC SAMPLE RECEIPT

Rev. 08/15/13

CLIENT: DMI OEC ID #: 1401874 Temp: 9 °C (Acceptable Range: 0°C to 6°C)

COC RECEIVED DATE/TIME: 04/17/14 @ 1800

RECEIPT LOGIN DATE/TIME: 04/18/14 @ 835

REFRIGERATOR(s): 8

SAMPLE TRANSPORT, RECEIPT, CONDITION & PRESERVATION:		Yes	No	N/A	(*) PROBLEM CHAIN FORM NEEDED
☐ OEC Courier/Sampler	COC document(s) received with samples	☒	☐*	☐	Custody Seals (circle): Present / (Absent)
☒ Delivery(Other than OEC Courier)	Correct containers for analysis requested	☒	☐*	☐	Samples / Coolers
☒ Samples Received on Ice	Container(s) intact and in good condition	☒	☐*	☐	Intact / Broken*
☐ Samples Received Outside Temp. Range*	Container label(s) consistent with COC	☐	☒*	☐	Method of Shipment & Tracking #(if applicable):
☒ Samples Direct from field (Outside Temp)	OEC preservative added (**note std ID)	☐**	☐	☒	
☐ After-Hours Outside Drop-off [Brought Inside]	Proper preservation on sample label(s)	☐	☐	☒	(**) OEC Preservative ID:
(Initials/Date/Time):	VOA containers free of headspace	☐	☐*	☒	Dissolved Metals Filtration: (Date/Init/Preserve ID)
	Tedlar Bags free of condensation	☐	☐*	☒	

CONTAINERS, COC CHANGES AND/OR CORRECTIONS — **CHANGES AUTHORIZED BY:**

OEC ID	Client ID ***(if blank, refer to CoC)	Container Description	Preservative	ResCl /pH	Matrix	Date/Time Sampled ***	Comments / Remarks / Condition Notes, Etc.
1-17A		1ea 4oz jar	—		S		
18, 19		1ea tube	—		S		
1-19B		1ea 20 ml voa	—		S		

RECEIPT LOGIN BY: LWR RECEIPT REVIEWED BY: [signature]

OEC PROBLEM CHAIN

CLIENT: DM1 OEC ID #: 140874

ISSUES RECORDED BY (DATE/TIME/INITIALS): 4-18-14 @ 835 LWC

ISSUE(S): PLEASE PROVIDE DETAILS OF ISSUE(S) BELOW – Samples/Containers Affected, as necessary.

- ☐ Samples Received Outside Temp. Range (see below)
- ☐ NO COC document(s) received with samples
- ☐ Container(s) **NOT** intact or in good condition
- ☐ Incorrect containers for analysis requested
- ☒ Container label(s) **NOT** consistent with COC
- ☐ Custody Seals Broken
- ☐ OTHER: (if multiple, identify with numbers)

Sample 8A is labeled DD2@3'
COC says DD3@3'

RESOLUTIONS: MINIMUM INFO: Issue#[if necessary] – Description – Contact Type (Verbal, email, etc.) – Client Authorization Contact – Date/Time/Initials

FINAL RESOLUTION OF ISSUES BY (DATE/TIME/INITIALS): 4/18/14@0842 DC

Oilfield Environmental and Compliance
307 Roemer Way, Santa Maria CA 93454
phone: (805) 922-4772 fax: (805) 925-3376
www.oecusa.com

Rev 052012
101 Adkisson Way, Taft, CA 93268
phone: (661) 762-9143

CHAIN OF CUSTODY

Page 1 of 2

Company: DMI-EMK ENVIRONMENTAL
Address: 1056 E. MAIN ST #101
City/State/ZIP: VENTURA, CA 93001
Phone: (805) 653-0633 Fax: E-mail:
Report To: DMI-EMK / B&T Sampler: ERIC KIRKEGAARD
Send report via- FAX- ☐ PDF- ☒ Geotracker EDF- ☐ EDD- ☐
Turnaround Time: 10 Days- ☐ 5 Days- ☒ 72 hr- ☐ 48 hr- ☐ 24 hr- ☐ ASAP- ☐

Project Name/#: TANK REMOVAL
Site: CHUMASH STATION

OEC Sample ID	Date/Time Sampled	Matrix** (see key)	# of Cont.	Client Sample ID	TPH-D (8015)	TPH-G (8260)	VOC's 8260 (8260)	Special Instructions:
140874-1A	4/17/14 1430	SOIL	1	T1-1@20'	X	X	X	
2A	1445		1	T1-2@20'	X	X	X	
3A	1435		1	T2-1@20'	X	X	X	
4A	1449		1	T2-2@20'	X	X	X	
5A	1510		1	DP1@4'	X		X	
6A	1515		1	DD1@4'	X		X	
7A	1520		1	DP2@3'	X		X	
8A	1525		1	DD2@3' (4) 4-18-14 per client	X		X	
9A	1535		1	P1@3'		X	X	
10A	1540		1	P2@3'		X	X	
11A	1545		1	P3@3'		X	X	
12A	1600	↓	1	P4@9'		X	X	

Relinquished By: [signature] Date: 4/17/14 Time:
Received By: [signature] Date: 4/17/14 Time: 5:25
Relinquished By: [signature] Date: 4/17/14 Time: 6:00
Received By: [signature] Date: 04/17/14 Time: 1800
Relinquished By: Date: Time:
Received By: Date: Time:

** Matrix Key
A = vapor / air
S = solid / sediment
P = product / oil
HW = haz waste (Lic.)
WATER Types:
DW = drinking
GW = ground
PW = produced
SW = surface
WW = waste

Comments/PO#:
RESULTS TO DMI-EMK & B&T
BILL TO B&T
REC'D @ 9.0°C

OEC PROBLEM CHAIN

CLIENT: DM1 OEC ID #: 140874

ISSUES RECORDED BY (DATE/TIME/INITIALS): 4-18-14 @ 835 LWC

ISSUE(S): PLEASE PROVIDE DETAILS OF ISSUE(S) BELOW – Samples/Containers Affected, as necessary.

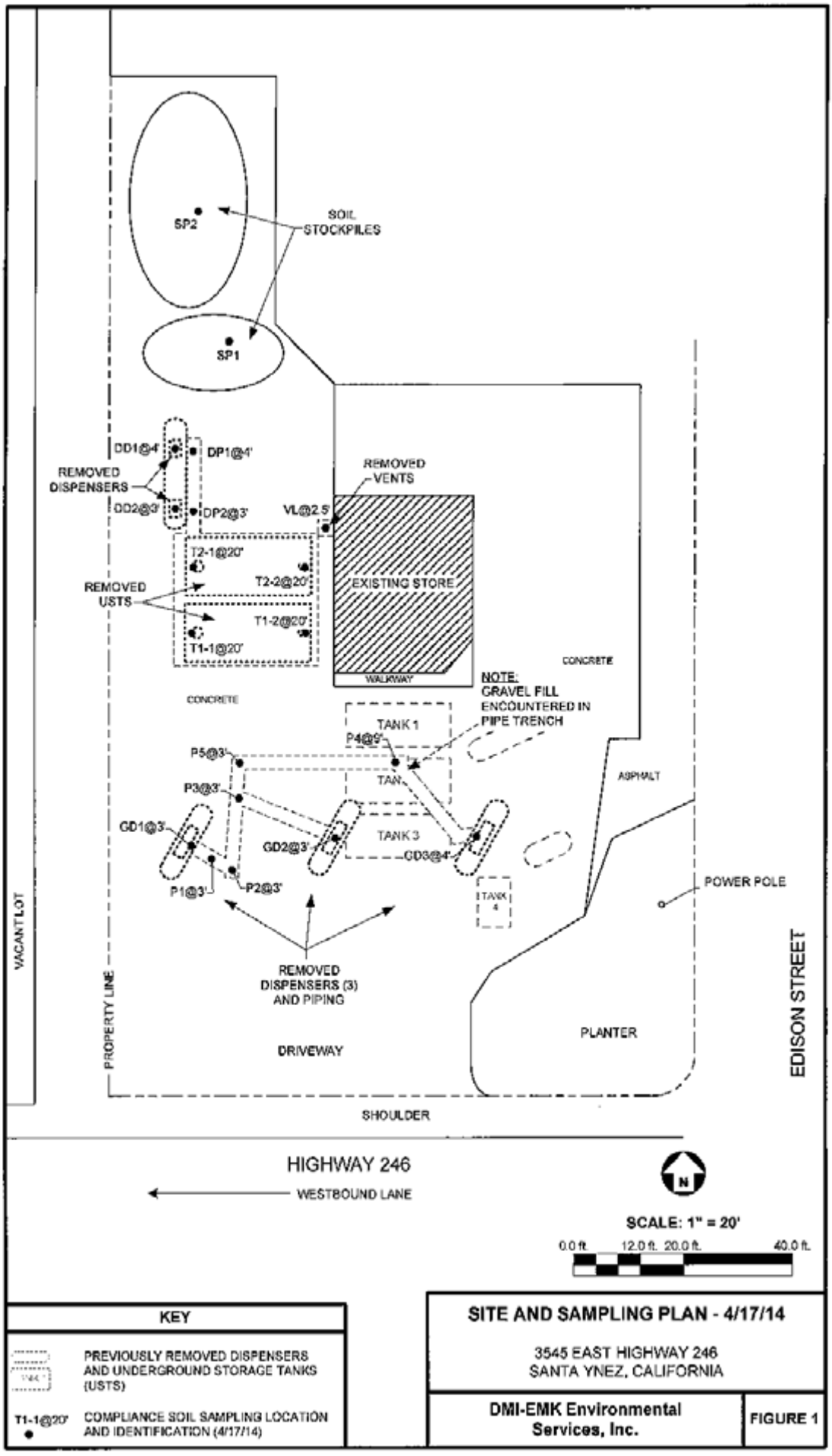
- ☐ Samples Received Outside Temp. Range (see below)
- ☐ Incorrect containers for analysis requested
- ☐ OTHER: (if multiple, identify with numbers)
- ☐ NO COC document(s) received with samples
- ☒ Container label(s) NOT consistent with COC
- ☐ Container(s) NOT intact or in good condition
- ☐ Custody Seals Broken

Sample 8A is labeled DD2@3'
CoC says DD3@3'

RESOLUTIONS: MINIMUM INFO: Issue#[if necessary] – Description – Contact Type (Verbal, email, etc.) – Client Authorization Contact – Date/Time/Initials

4-18-14 1013 LY called Eric, he said to change COC to match label

FINAL RESOLUTION OF ISSUES BY (DATE/TIME/INITIALS): 4/18/14@0842 DC



SITE AND SAMPLING PLAN - 4/17/14

3545 EAST HIGHWAY 246
SANTA YNEZ, CALIFORNIA

DMI-EMK Environmental Services, Inc.

FIGURE 1

Santa Barbara County
PUBLIC Health
DEPARTMENT

Environmental Health Services

225 Camino del Remedio • Santa Barbara, CA 93110
805/681-4900 • FAX 805/681-4901

2125 S. Centerpointe Pkwy. #333 • Santa Maria, CA 93455-1340
805/346-8460 • FAX 805/346-8485

Lawrence D. Fay, Jr. *Director of Environmental Health*

Takashi M. Wada, MD, MPH *Director/Health Officer*
Anne M. Fearon *Deputy Director*
Suzanne Jacobsen, CPA *Chief Financial Officer*
Michele Mickiewicz, MPH *Deputy Director*
Elizabeth Snyder, MHA *Deputy Director*
Peter Hasler, MD *Medical Director*

DATE, 2014

Mark Cheli
3400 E HWY 246
Santa Ynez, CA93460

UNDERGROUND STORAGE TANK LOCATED AT 3545 HWY 246, SANTA YNEZ, CA 93460

Dear Mr. Cheli:

The purpose of this letter is to confirm the removal of four underground storage tanks (USTs) at the above referenced site on April 23, 2014. These double-wall steel tanks were removed under permit from this office.

Based on review of the April 25, 2014 laboratory analytical reports from Oilfield Environmental and Compliance, Inc., soil samples collected from the UST excavations did not contain contamination at levels above the County and State's requirements for protecting human health and the environment. With the provision that the information provided to this agency is accurate and representative of existing conditions, no further action is required at this time.

Please be advised this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future conditions at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

If you have any questions regarding this notice, contact Gary Browne at (805) 346-8354.

Gary Browne
Hazardous Materials Specialist
Certified Unified Program Agency

Erin K. O'Connell, PG, CEG
Hazardous Materials Supervisor
Certified Unified Program Agency

Santa Barbara County
PUBLIC Health
DEPARTMENT

Environmental Health Services

225 Camino del Remedio • Santa Barbara, CA 93110
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Takashi M. Wada, MD, MPH *Director/Health Officer*
Anne M. Fearon *Deputy Director*
Suzanne Jacobson, CPA *Chief Financial Officer*
Michele Mickiewicz, MPH *Deputy Director*
Elizabeth Snyder, MHA *Deputy Director*
Peter Hesler, MD *Medical Director*

Lawrence D. Fay, Jr. *Director of Environmental Health*

June 6, 2014

Mark Cheli
3400 East Highway 246
Santa Ynez, CA 93460

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Gary Browne
Hazardous Materials Specialist
Certified Unified Program Agency

Erin K. O'Connell, PG, CEG
Hazardous Materials Supervisor
Certified Unified Program Agency

C: Erik Kirkegaard, EMI-DMK Environmental (via email)

Appendix 3

Historical Research Documentation

EDR Historical Topographic Map Report

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

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

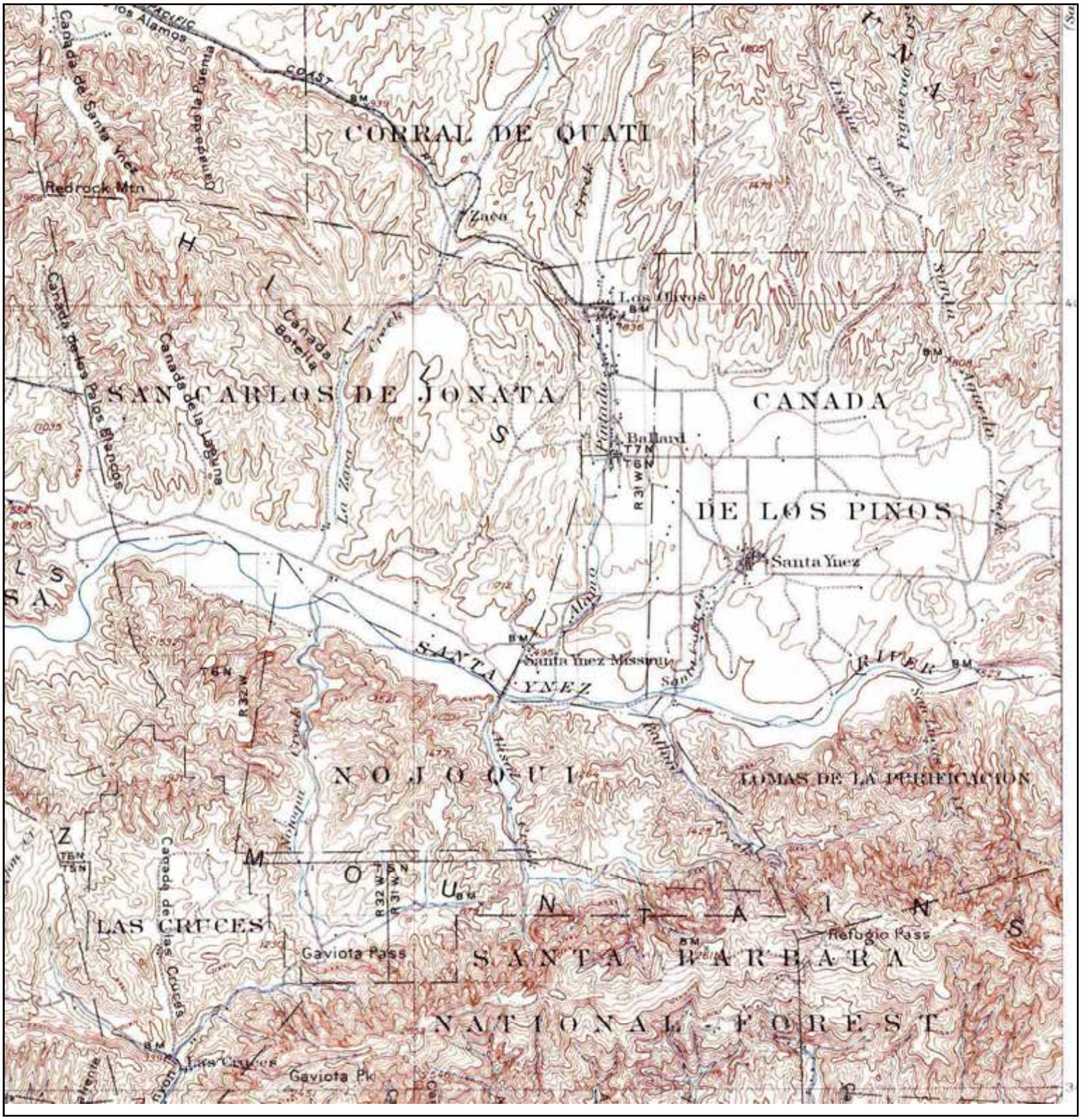
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Historical Topographic Map



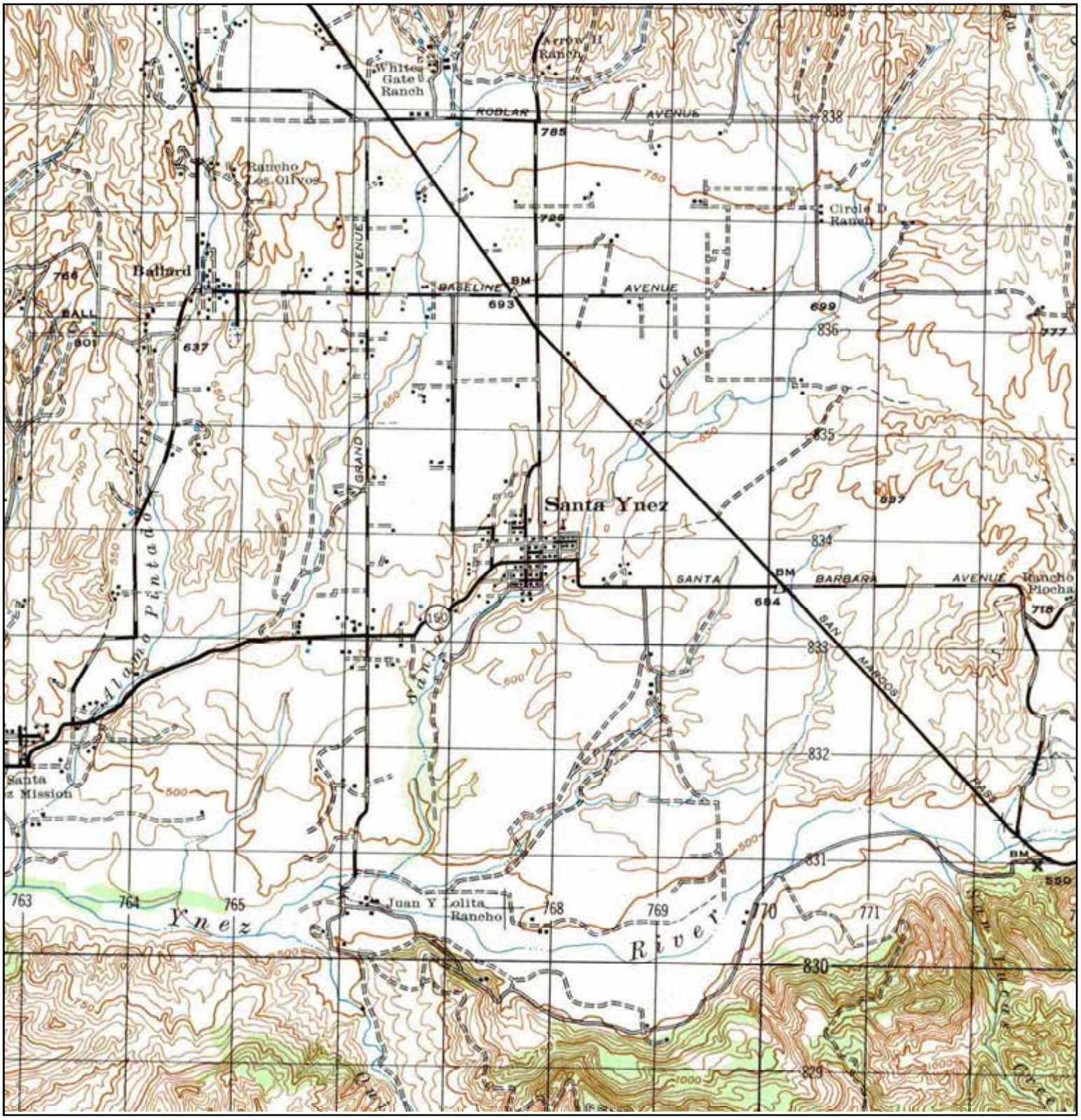
N	TARGET QUAD		SITE NAME:	Vacant Lot	CLIENT:	Rincon
	NAME:	LOMPOC	ADDRESS:		CONTACT:	Sarah Larese
	MAP YEAR:	1905		Santa Ynez, CA 93460	INQUIRY#:	3572469.4
			LAT/LONG:	34.6124 / -120.0779	RESEARCH DATE:	04/10/2013
	SERIES:	30				
	SCALE:	1:125000				

Historical Topographic Map



N	TARGET QUAD NAME: SOUTHERN CA SHEET 3 MAP YEAR: 1910 SERIES: 60 SCALE: 1:250000	SITE NAME: Vacant Lot ADDRESS: Santa Ynez, CA 93460 LAT/LONG: 34.6124 / -120.0779	CLIENT: Rincon CONTACT: Sarah Larese INQUIRY#: 3572469.4 RESEARCH DATE: 04/10/2013

Historical Topographic Map



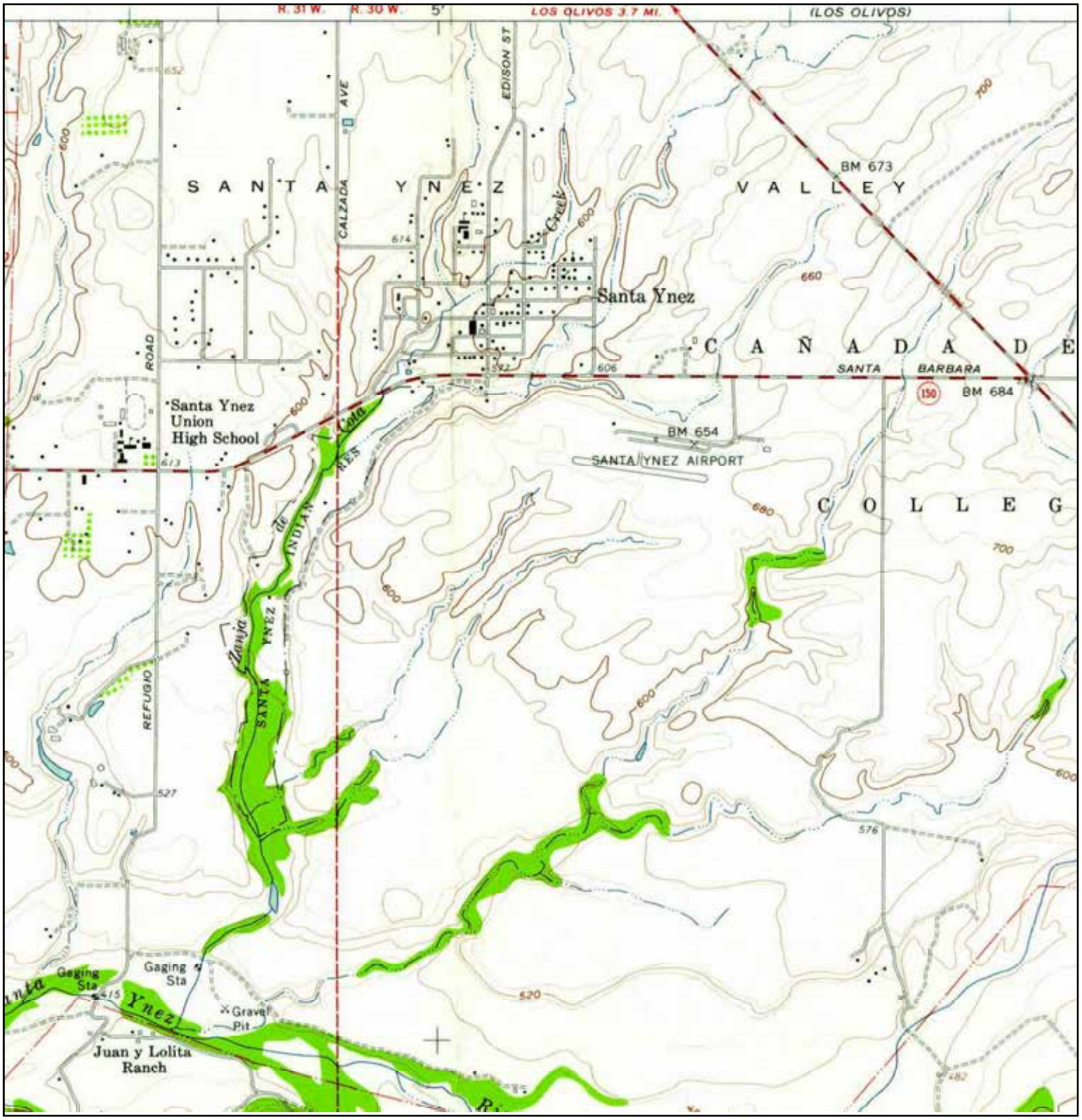
N	TARGET QUAD	SITE NAME: Vacant Lot	CLIENT: Rincon
	NAME: LOS OLIVOS	ADDRESS:	CONTACT: Sarah Larese
	MAP YEAR: 1947	Santa Ynez, CA 93460	INQUIRY#: 3572469.4
	SERIES: 15	LAT/LONG: 34.6124 / -120.0779	RESEARCH DATE: 04/10/2013
	SCALE: 1:50000		

Historical Topographic Map



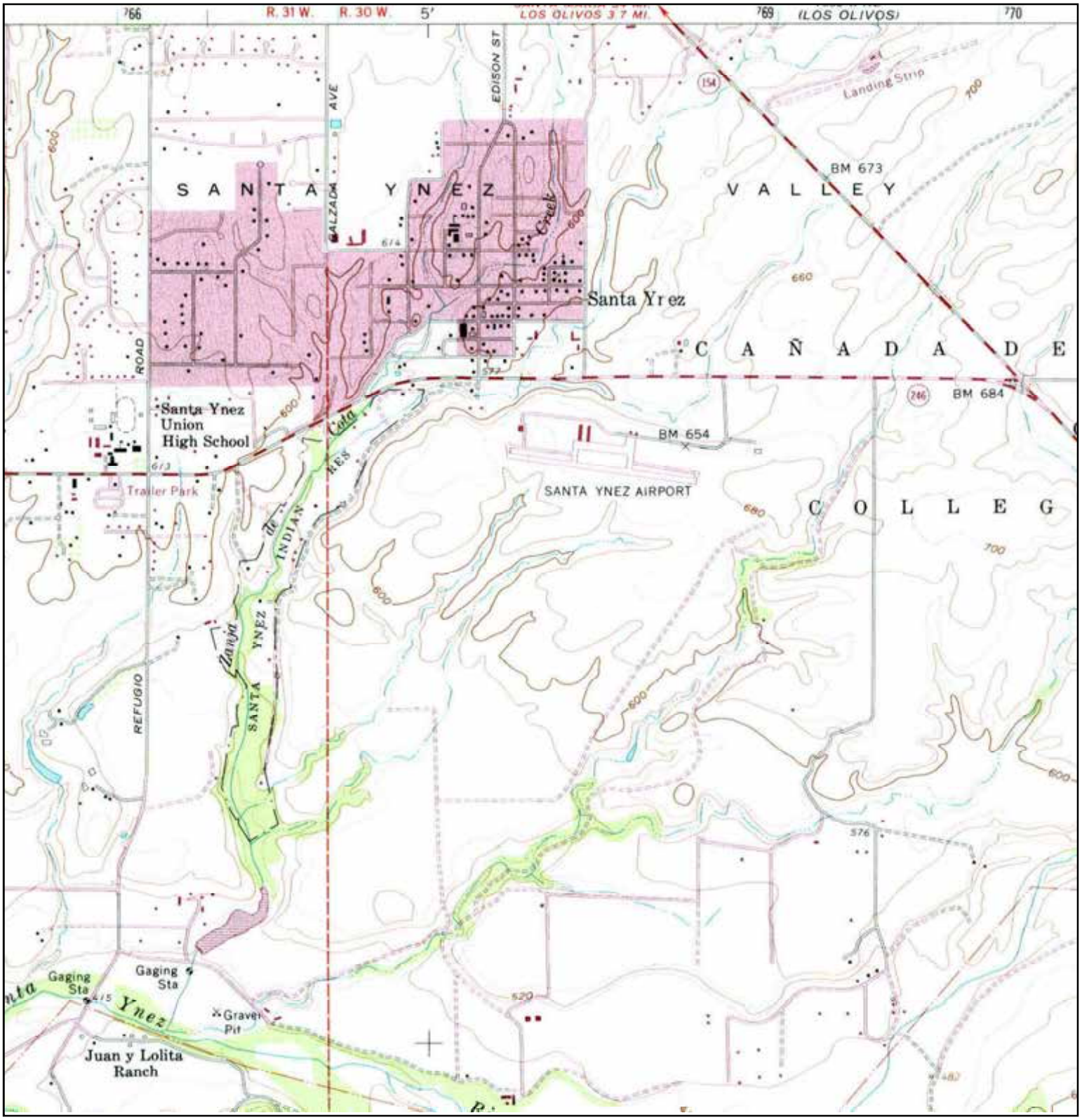
N	TARGET QUAD NAME: LOS OLIVOS MAP YEAR: 1959 SERIES: 15 SCALE: 1:62500	SITE NAME: Vacant Lot ADDRESS: Santa Ynez, CA 93460 LAT/LONG: 34.6124 / -120.0779	CLIENT: Rincon CONTACT: Sarah Larese INQUIRY#: 3572469.4 RESEARCH DATE: 04/10/2013

Historical Topographic Map



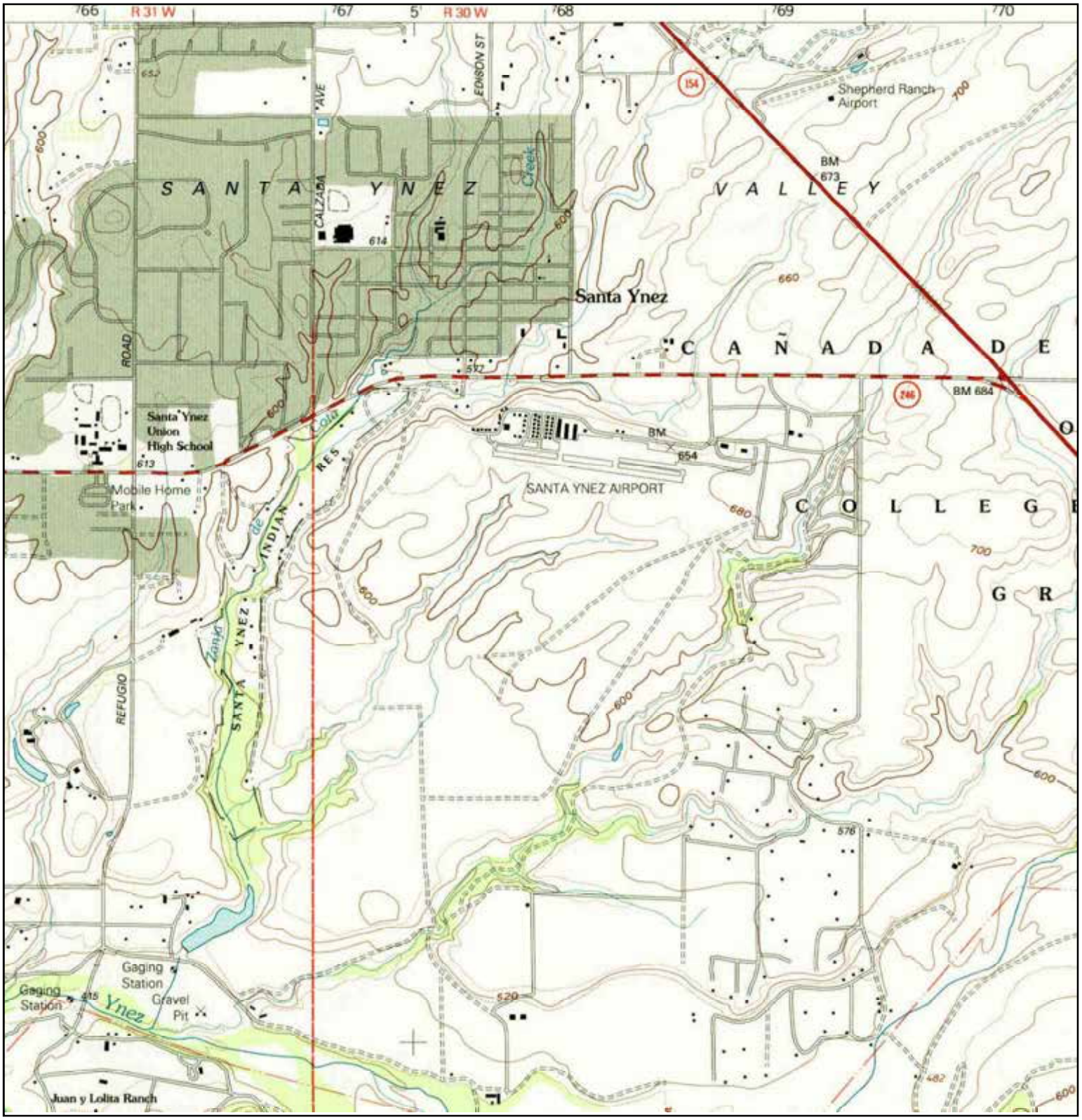
N	TARGET QUAD		SITE NAME: Vacant Lot	CLIENT: Rincon
	NAME: SANTA YNEZ		ADDRESS:	CONTACT: Sarah Larese
	MAP YEAR: 1959		Santa Ynez, CA 93460	INQUIRY#: 3572469.4
	SERIES: 7.5		LAT/LONG: 34.6124 / -120.0779	RESEARCH DATE: 04/10/2013
	SCALE: 1:24000			

Historical Topographic Map



N	TARGET QUAD NAME: SANTA YNEZ MAP YEAR: 1978 PHOTOINSPECTED FROM : 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Vacant Lot ADDRESS: Santa Ynez, CA 93460 LAT/LONG: 34.6124 / -120.0779	CLIENT: Rincon CONTACT: Sarah Larese INQUIRY#: 3572469.4 RESEARCH DATE: 04/10/2013

Historical Topographic Map



N	TARGET QUAD NAME: SANTA YNEZ MAP YEAR: 1995 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Vacant Lot ADDRESS: Santa Ynez, CA 93460 LAT/LONG: 34.6124 / -120.0779	CLIENT: Rincon CONTACT: Sarah Larese INQUIRY#: 3572469.4 RESEARCH DATE: 04/10/2013

EDR Aerial Photo Decade Package

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.

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

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Date EDR Searched Historical Sources:

Aerial Photography April 15, 2013

Target Property:

Santa Ynez, CA 93460

Year	*Scale*	*Details*	***Source***
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Fairchild
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	Aero
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	Mark Hurd
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	Western
1975	Aerial Photograph. Scale: 1"=500'	Flight Year: 1975	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR


INQUIRY #: 3572469.5
YEAR: 1928
= 500'
N


INQUIRY #: 3572469.5
YEAR: 1938
= 500'
N



INQUIRY #: 3572469.5

YEAR: 1940

= 500'

N


INQUIRY #: 3572469.5
YEAR: 1956
= 500'
N


INQUIRY #: 3572469.5
YEAR: 1967
= 500'
N


INQUIRY #: 3572469.5
YEAR: 1975
= 500'
N


INQUIRY #: 3572469.5
YEAR: 1989
= 500'
N


INQUIRY #: 3572469.5
YEAR: 1994
= 500'
N


INQUIRY #: 3572469.5
YEAR: 2005
= 500'
N


INQUIRY #: 3572469.5
YEAR: 2009
= 500'
N


INQUIRY #: 3572469.5
YEAR: 2010
= 500'
N

Cogburn, Condit & Verizon Properties
Edison Street And Numancia Street
Santa Ynez, CA 93460

Inquiry Number: 4120620.5
October 31, 2014

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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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.

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.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☑	Cole Information Services
2008	☑	☑	Cole Information Services
2003	☑	☑	Cole Information Services
1999	☑	☑	Cole Information Services
1995	☑	☑	Cole Information Services
1992	☑	☑	Cole Information Services
1985	☑	☑	Haines Criss-Cross Directory
1980	☑	☑	Haines Criss-Cross Directory
1975	☑	☑	Haines Criss-Cross Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

Edison Street And Numancia Street
Santa Ynez, CA 93460

Year	*CD Image*	*Source*
NUMANCIA ST		
2013	pg A1	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A5	Cole Information Services
1999	pg A7	Cole Information Services
1995	pg A9	Cole Information Services
1992	pg A12	Cole Information Services
1985	pg A16	Haines Criss-Cross Directory
1980	pg A18	Haines Criss-Cross Directory
1975	pg A20	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
FARADAY		
1992	pg. A13	Cole Information Services
FARADAY ST		
2013	pg. A2	Cole Information Services
2008	pg. A4	Cole Information Services
2003	pg. A6	Cole Information Services
1999	pg. A8	Cole Information Services
1995	pg. A10	Cole Information Services
1992	pg. A14	Cole Information Services
1985	pg. A17	Haines Criss-Cross Directory
1980	pg. A19	Haines Criss-Cross Directory
1975	pg. A21	Haines Criss-Cross Directory
FARADAY ST BOX 484		
1992	pg. A15	Cole Information Services
FARADY ST		
1995	pg. A11	Cole Information Services

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 2013

3301	LESLIE MASON
3306	KRYSTOPHER CASH
3310	KATHLEEN ELLIS
3315	CORINE SMITH
3320	OCCUPANT UNKNOWN
3325	GARRETT KENT
3330	ROBERT BRIANS
3335	PAUL MONTGOMERY
3343	SEAN MCCOY
3345	TOM COX
3350	JUSTIN MOORE
3351	ALAN SALTER
	MISSION APPLIANCE SERVICE
3352	WES KUHNE
3356	OCCUPANT UNKNOWN
3360	EFRAIN OLIVARES
3421	OXANA BORISSOVA
3425	ROBERT STEPHENSON
3519	DITALIA MASSIMO
3521	PIZZA SHACK
	THE WILD HAIR
3523	DEAN BOB DVM
3556	CAROLE TACHER
3561	MICHELE HINNRICHS
3563	A O ELECTRIC
	CARR WINERY
	SANTA YNEZ PAINT
	THE BAKERS TABLE
3583	FOREVER POSH
	SALON V
3595	FOSSEMALLE DANCE STUDIOS
	GANDOLFO CONSTRUCTION CO
	SAGEBRUSH PAINTING
	STAR SATELLITE COMMUNICATIONS

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 2013

1060	BOBBY LADNER DESIGNS
	ESAU COMPANY
1070	COUNTY OF SANTA BARBARA
1110	OCCUPANT UNKNOWN
	PLENTY
1112	SPA ELAN
1120	HARVEST SY
1130	JOHN FLESHER
1140	CHELSEY WILLIAMS
1141	OCCUPANT UNKNOWN
1151	MAGGIE CAMPBELL
1152	JAMES WALLER
1158	BEN GRAVES
1218	RICK MARZULLO
1219	OCCUPANT UNKNOWN
1229	RONALD CROCKETT
1230	OCCUPANT UNKNOWN
1245	KEVIN MCKENNON
1246	EDWARD FISHER
1255	OCCUPANT UNKNOWN
1256	JANET SHERMAN
1374	OCCUPANT UNKNOWN
1391	JAMES GILMARTIN
1392	HAMES WILLIAM G JR
1398	OCCUPANT UNKNOWN

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 2008

3301	LESLIE MASON
3306	DAVID WARD
3310	OCCUPANT UNKNOWN
3315	PETE FOURNIER
3320	ROBERT SCARTATI
3330	ROBERT BRIANS
3335	JUSTMYPETS COM
	PAUL MONTGOMERY
3343	OCCUPANT UNKNOWN
3345	TOM COX
3350	NATHAN STONE
3351	ALAN SALTER
	MISSION APPLIANCE SERVICE
3352	WES KUHNE
3356	CAROLE TACHER
3400	CATHLEEN MCRAE
3425	WILLIAM ROMER
3519	DITALIA MASSIMO
3523	DEAN BOB
3561	MICHELE HINNRICHS
3563	SANTA YNEZ PAINT
	WAREHOUSE STORE & MORE LLC
	WILD CHILD CLOTHING
3583	FOREVER POSH
	POSH
	POSH POSH BEAUTY SALON
3595	FOSSEMALLE DANCE STUDIO
	GANDOLFO CONSTRUCTION CO
	SANTA YNEZ CULTURAL CENTER
	STAR SATELLITE COMMUNICATIONS

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 2008

903	TILE SANTA
1110	OCCUPANT UNKNOWN
1112	FIDELITY NATIONAL TITLE
	PONY EXPRESS HORSEMENS
1120	MANDYSLAND FARM
	T HAYER & ASSOCIATES
1130	TEDDY PEARCE
1140	OCCUPANT UNKNOWN
	SARAH MCCLURG
1151	HEAVEN SCENT
	PAULA MCINTIRE
1152	JAMES WALLER
1158	BEN GRAVES
1189	NANCY DRIGGERS
1218	RICK MARZULLO
1219	EDWARD PENA
1229	RONALD CROCKETT
1245	KEVIN MCKENNON
1246	EDWARD FISHER
1255	OCCUPANT UNKNOWN
1256	JANET SHERMAN
1374	MICHAEL SCAVONE
1391	ROBERT LAMER
1392	ERIC CARRIER
1398	RICHARD CRANE

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 2003

3301	LESLIE MASON
3306	PETER MANCHAK
3310	GOOSE HILL
	HILL GOOSE
3315	OCCUPANT UNKNOWN
3320	ROBERT SCARTATI
3325	JOHN EBERSOLE
3330	JEFFREY THOMSON
3335	OCCUPANT UNKNOWN
3343	ROBERT JEPPESEN
3345	CHRIS MAILES
3350	JACK WAUTERS
3351	ALAN SALTER
	MISSION APPLIANCE
3352	WES KUHNE
3356	CAROLE TACHER
3360	TYLER GARRARD
3421	ROBERT GOLDMAN
3425	BILL ROMER
3521	PIZZA SHACK
3523	BOB DEAN
	BOB DEAN
	SANTA YNEZ PET HOSPITAL
3563	EPIPHANY CELLARS
	JAVIER VEGA
3583	POSH
3589	PATRICIA PEREZ
3595	FOSSEMALLE DANCE STUDIOS
	GANDOLFO CONSTRUCTION CO
	HOPMAN ENTERPRISES
	NEW TECH PORCELAIN INC
	SANTA YNEZ CULTURAL CTR
	STAR SATELLITE
	STAR SATELLITE COMMUNICATIONS

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 2003

1060	EASU CO
	ESAUS LIGHTING UPHLSTRY & WNDW
	GARY ESAU
1112	SHEAR WEST HAIR STUDIO
1120	JONNY HICKS
1140	JASON KAHN
	SALLY SPRY
	SHELLY FRAUSTO
1152	JAMES WALLER
1158	BEN GRAVES
1189	ERIC SCHOTT
1218	RICK MARZULLO
1219	ROBERT PENA
1229	RONALD CROCKETT
1230	HENRY FLORIDA
1245	MAXINE MELTON
1246	EDWARD FISHER
1256	JANET SHERMAN
1265	DAVID SHIRLEY
1374	MICHAEL SCAVONE
1391	FRANCIS LAMER
1392	BILL HAMES
	WILLIAM HAMES
1398	NORMAN YOST

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 1999

3301	LESLIE MASON
3306	DAVID WARD
3315	PETER FOURNIER
3320	ROBERT SCARTATI
3330	ROBERT BRIANS
3345	C MAILES
3350	NATHAN STONE
3351	MISSION APPLIANCE SERVICE
3352	OCCUPANT UNKNOWN
	WILLIAM RINGER
3356	CAROLE TACHER
3425	ROBERT STEPHENSON
3519	CLEARWATER FINE FOODS INCORPORATED
3521	TERRYS MEXICAN FOOD
3523	DEAN BOB DVM
	GANTER CONNIE DVM
	SANTA YNEZ PET HOSPITAL
3561	MICHELE HINNRICHS
3563	CONCOURS PARTS & ACCESSORIE
3583	POSH
3595	FOSSEMALLE DANCE STUDIOS
	GENERAL STORE THE
	HOPMAN ENTERPRISES
	SANTA YNEZ CULTURAL CENTER
	STAR SATELLITE & ELECTRONICS
	SYSTEM SERVICES
	THE PRINTSHOP SANTA YNEZ

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 1999

1060	ESAU COMPANY
	ESAUS LIGHTING UPHOLSTERY & WINDOW FASHIONS
1110	CAPITAL FINANCIAL SERVICES
	LUM SILSBEE CONSULTANTS
1112	SHEAR WEST HAIR STUDIO
1130	TEDDY PEARCE
1140	SARAH SNOW
1152	JAMES WALLER
1158	BEN GRAVES
	OCCUPANT UNKNOWN
1189	OCCUPANT UNKNOWN
1219	SHIRLEY HERSHEY
1229	RONALD CROCKETT
1230	FLORIDA HENRY
1245	KEVIN MCKENNON
1246	EDWARD FISHER
1256	JANET SHERMAN
1374	MICHAEL SCAVONE
1391	ROBERT LAMER
1392	HAMES WILLIAM G JR BUS
1398	RICHARD CRANE

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 1995

3351	MISSION APPLIANCE SVC
3519	ANNIES CLOSET
	KID STUFF
3523	SANTA YNEZ PET HOSPITAL
3563	CONCOURS PARTS & ACCESSORIES
3583	POSH
3595	CARLSON WARD & CAROLE
	SANTA YNEZ CULTURAL CTR
	WILLIES BARBELL CLUB

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 1995

903	HAIR SHOP
1060	ESAUA CO
	GREGG, ROBT
1106	BEAUTY DEN
1110	MR EDS HAIRSTYLING MEN
1392	WILLIAM G HAMES JR

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADY ST 1995

1060 ESAU, GARY
1230 FLORIDA, HENRY
1246 FISHER, EDWARD R

Target Street	Cross Street	Source
✓	-	Cole Information Services

NUMANCIA ST 1992

3301	BRONSON, CLARK
3310	ECK, RICHARD D
3315	THOMSEN, THOMAS A
3350	AMES, LEE R
3351	MISSION APLNC SERV
	MISSION APPLNC SERV
3352	SNOW, V E
3400	MCRAE, MARK
3523	DEAN BOB DVM
3563	CONCOURS PARTS
3583	AMTEC SYSTEMS CORP
	POSH
3595	AND PARTIES TOO
	FOSSEMALLE DANCE
	SANTABRB CO SHERIFF
	WILLIES BARBELL CLB

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY 1992

903 HAIR AFTER THE

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST 1992

1060	LA TIENDA
1106	BEAUTY DEN
1110	MR EDS HAIRSTYLING
	MR EDS OF SANTA
1120	CRATON RICHARD
	CRATON, RICHARD
1140	PHILLEY, TIMOHTY
1151	GARCIA, SERAFIN
1158	BARRAGEN, B
1189	CROCKETT, JOHN
1229	BRAUN, MARK D
	PAC MATERIALS LAB
1230	FLORIDA, HENRY
1246	FISHER, EDWARD R
1374	STREETER, D W
1392	HAMES WM G JR

Target Street	Cross Street	Source
-	✓	Cole Information Services

FARADAY ST BOX 484 1992

1398 GOODWIN, F L

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

NUMANCIA ST 1985

NUMANCIA 93460
SANTA YNEZ

3315	THOMSEN THOS A	688-9528	4
3350	SIMPSON FRED	688-2345	2
3356	RUTLEDGE N J	688-5745	6
3400	BARTON MARION	688-7531	
	MANSFIELD S T	688-5851	
3523	DEAN BOB DVM	688-4944	
	SANTAYNZ PET HOSPTL	688-4944	
3583	ANITAS BEAUTY SHOP	688-5453	
3586	KENNEDY BURTON D	688-3147	
3595	COAST GLASS CO INC	688-0601	
	NET PROPHET	688-0547	
	PAC TIMBER PRODUCTS	688-0551	

★ 6 BUS 6 RES 0 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

FARADAY ST 1985

FARADAY 93460
SANTA YNEZ

903	**CLOTHES GALLERY THE**	**688-3870**	8
1106	**BEAUTY DEN**	**688-4818**	
1110	**MR EDS OF SANTA**	**688-3819**	9
1112	**KUNS KAY S ATTY**	**688-1880**	2
1120	CRATON RICHARD	688-8279	0
	TRUES DOLLS	**688-8279**	
1130	CORDERO SANDRA	688-5396	
	STEWART GENE	688-9836	4
1140	CABA JAS R	688-8939	1
	PHILLEY TIMOTHY	688-1494	4
1141	JAMES KEN	688-5082	
	JAMES M K	688-5082	
1151	CULVER ROBT	688-9515	4
1152	FREEMAN ALEXANDER W	688-7057	9
1189	CROCKETT JOHN	688-9414	4
1218	**RALPHS CLEANING SVC**	**688-6554**	1
1230	FLORIDA HENRY	688-4544	
1245	MONAHAN DOROTHY EDA	688-2072	3
	RYDER TOM	688-0522	
1246	FISHER EDW R	688-3526	
1255	TIGARD BETTY	688-8530	0
1256	SHERMAN DALE W	688-3047	
1392	ROGOWSKI THOS E	688-5884	2
1398	GOODWIN FRANKLIN L	688-3561	

★ 6 BUS 18 RES 0 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

NUMANCIA ST 1980

NUMANCIA 93460 SANTA YNEZ

3335	LEMP THOS A	688-6746 8
3350	SIMPSON FRED C	688-3131+0
3351	SMITH FRED W	688-3489 4
3352	URQUIDEZ TONY	688-5654+0
3356	RUTLEDGE ORIC O	688-5745 6
3400	BARTON MARION	688-7531 5
	MANSFIELD S T	688-5851
3561	XXXX	00
3583★	**ANITAS BEAUTY SHOP**	**688-5453**
3586	PAULSON VICTOR S	688-5226 8
★	1 BUS 9 RES	2 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

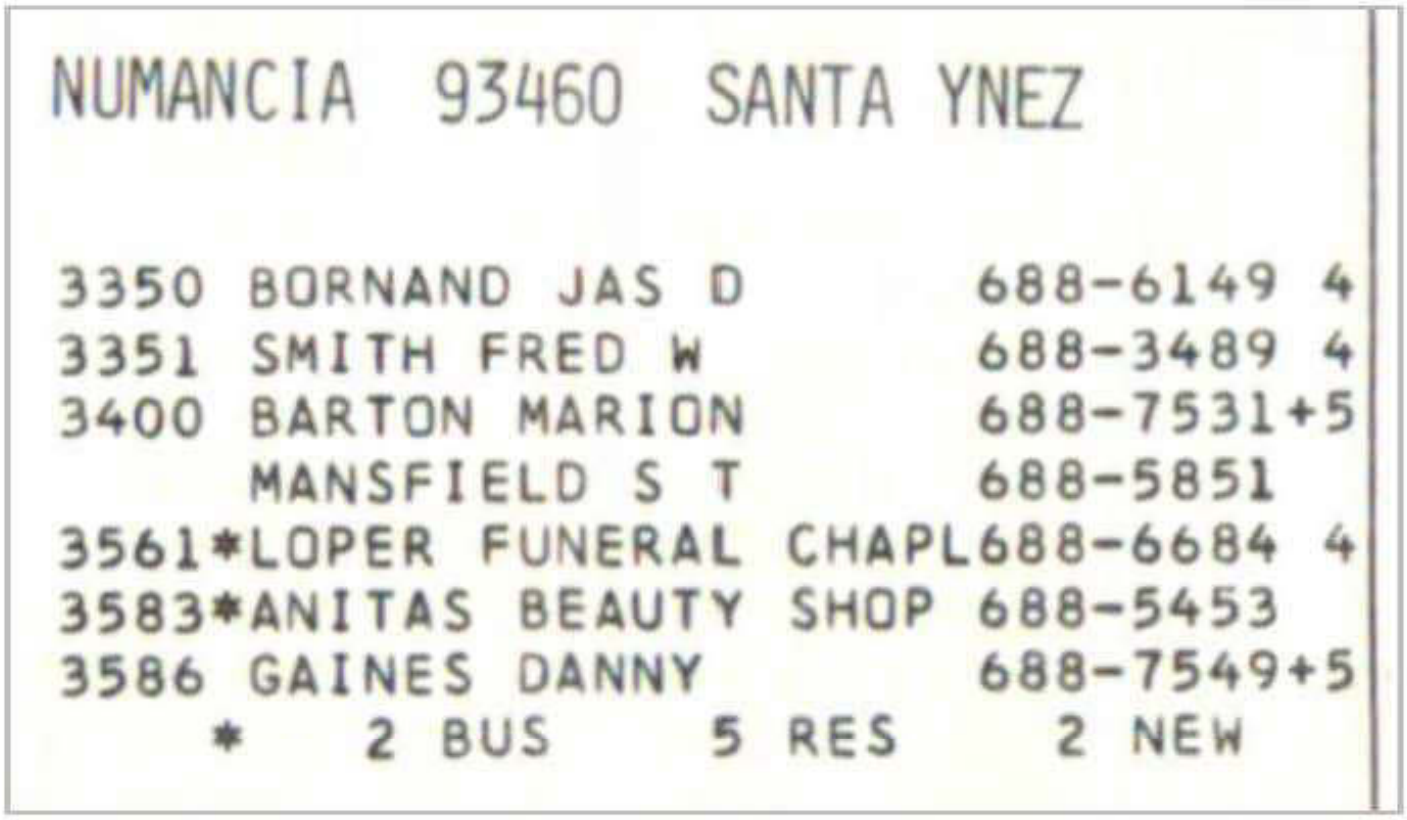
FARADAY ST 1980

FARADAY 93460 SANTA YNEZ

903★	CLOTHES GALLERY	688-3870	8
1060A	GREGG ELAINE	688-3659	8
1075	XXXX	00	
1106★	BEAUTY DEN	688-4818	
1110★	MR EDS HAIRSTYLING	688-3819	9
1112★	KUNS VIRGIL W	688-3233	+0
★	OAKCREST REALTY	688-3233	4
1120	CRATON RICHARD	688-8279	+0
1130B	BIGGS DALE	688-3215	+0
1140	HYATT HARLAND	688-4884	5
B	CRAIG MICHELLE	688-5069	8
B	TAYLOR BILL R	688-5069	8
1141	CLEMENS JOANNE	688-8602	+0
1151	SCOTT FRED JR	688-6541	+0
1152	FREEMAN ALEXANDER	688-7057	9
1189	XXXX	00	
1218	STEGMAN CHARLES L	688-4370	+0
1219	PENA ROBT	688-3537	6
1230	FLORIDA HENRY	688-4544	
1245	DRAKE JANICE	688-8513	9
★	VALLEY CAB CO	688-7555	+0
1246	FISHER EDW R	688-3526	4
1255	TIGARD BETTY	688-8530	+0
1256	SHERMAN YVONNE A	688-3047	
1374	BIDART M A	688-5702	8
	SALTHU C	688-5702	8
1384	BRUHN ROBT	688-5178	3
1392	POTTS MICHAEL L	688-7371	5
1398	GOODWIN FRANKLIN L	688-3561	3
★	6 BUS 23 RES	8 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

NUMANCIA ST 1975



NUMANCIA 93460 SANTA YNEZ

3350 BORNAND JAS D 688-6149 4
3351 SMITH FRED W 688-3489 4
3400 BARTON MARION 688-7531+5
MANSFIELD S T 688-5851
3561*LOPER FUNERAL CHAPL688-6684 4
3583*ANITAS BEAUTY SHOP 688-5453
3586 GAINES DANNY 688-7549+5
* 2 BUS 5 RES 2 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

FARADAY ST 1975

FARADAY 93460 SANTA YNEZ

112*	KUNS VIRGIL W	688-3233 4
903*	CLOTHES GALLERY THE	688-3870+5
1075	XXXX	00
1106*	BEAUTY DEN	688-4818
1110*	MR EDS SNTA YNEZ	688-3819 4
1112*	OAKCREST REALTY	688-3233 4
1120	STEGMAN CHARLES L	688-4370+5
1130	LESTER J R	688-6383
	WHITE LINDA	688-3336+5
1140	HYATT HARLAND	688-4884+5
B	CLARK JAS R	688-6880 4
1141	GRANT CASSANDRA	688-6624 4
1151	BROWN RICHARD	688-7580+5
1152	JENSEN OLIVIA M	688-5260
1189	HETRICK HARRY P	688-7351+5
1218	BUTLER DONALD T	688-3807 4
1230	FLORIDA HENRY	688-4544
1245	BEAUDOIN P E	688-6538 4
1246	FISHER EDW R	688-3526 4
1255	JACOBY MAURICE C	688-7109+5
1256	SHERMAN DALE W	688-3047
1374	BIDART MARIE	688-5702
	SALTHU CELINA	688-5702
1384	BRUHN ROBT	688-5178 3
1392	POTTS MICHAEL L	688-7371+5
1398	GOODWIN FRANKLIN L	688-3561 3

* 5 BUS 21 RES 8 NEW

APPENDIX D

Biological Resources

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ventura Fish And Wildlife Office
2493 Portola Road, Suite B
Ventura, CA 93003-7726
Phone: (805) 644-1766 Fax: (805) 644-3958

In Reply Refer To: April 13, 2021
Consultation Code: 08EVEN00-2021-SLI-0302
Event Code: 08EVEN00-2021-E-01095
Project Name: Santa Ynez Volks EA

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed list identifies species listed as threatened and endangered, species proposed for listing as threatened or endangered, designated and proposed critical habitat, and species that are candidates for listing that may occur within the boundary of the area you have indicated using the U.S. Fish and Wildlife Service's (Service) Information Planning and Conservation System (IPaC). The species list fulfills the requirements under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.). Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the species list should be verified after 90 days. We recommend that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists following the same process you used to receive the enclosed list. Please include the Consultation Tracking Number in the header of this letter with any correspondence about the species list.

Due to staff shortages and excessive workload, we are unable to provide an official list more specific to your area. Numerous other sources of information are available for you to narrow the list to the habitats and conditions of the site in which you are interested. For example, we recommend conducting a biological site assessment or surveys for plants and animals that could help refine the list.

If a Federal agency is involved in the project, that agency has the responsibility to review its proposed activities and determine whether any listed species may be affected. If the project is a major construction project*, the Federal agency has the responsibility to prepare a biological assessment to make a determination of the effects of the action on the listed species or critical habitat. If the Federal agency determines that a listed species or critical habitat is likely to be adversely affected, it should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species or their critical habitat prior to a

written request for formal consultation. During this review process, the Federal agency may engage in planning efforts but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act.

Federal agencies are required to confer with the Service, pursuant to section 7(a)(4) of the Act, when an agency action is likely to jeopardize the continued existence of any proposed species or result in the destruction or adverse modification of proposed critical habitat (50 CFR 402.10(a)). A request for formal conference must be in writing and should include the same information that would be provided for a request for formal consultation. Conferences can also include discussions between the Service and the Federal agency to identify and resolve potential conflicts between an action and proposed species or proposed critical habitat early in the decision-making process. The Service recommends ways to minimize or avoid adverse effects of the action. These recommendations are advisory because the jeopardy prohibition of section 7(a)(2) of the Act does not apply until the species is listed or the proposed critical habitat is designated. The conference process fulfills the need to inform Federal agencies of possible steps that an agency might take at an early stage to adjust its actions to avoid jeopardizing a proposed species.

When a proposed species or proposed critical habitat may be affected by an action, the lead Federal agency may elect to enter into formal conference with the Service even if the action is not likely to jeopardize or result in the destruction or adverse modification of proposed critical habitat. If the proposed species is listed or the proposed critical habitat is designated after completion of the conference, the Federal agency may ask the Service, in writing, to confirm the conference as a formal consultation. If the Service reviews the proposed action and finds that no significant changes in the action as planned or in the information used during the conference have occurred, the Service will confirm the conference as a formal consultation on the project and no further section 7 consultation will be necessary. Use of the formal conference process in this manner can prevent delays in the event the proposed species is listed or the proposed critical habitat is designated during project development or implementation.

Candidate species are those species presently under review by the Service for consideration for Federal listing. Candidate species should be considered in the planning process because they may become listed or proposed for listing prior to project completion. Preparation of a biological assessment, as described in section 7(c) of the Act, is not required for candidate species. If early evaluation of your project indicates that it is likely to affect a candidate species, you may wish to request technical assistance from this office.

Only listed species receive protection under the Act. However, sensitive species should be considered in the planning process in the event they become listed or proposed for listing prior to project completion. We recommend that you review information in the California Department of Fish and Wildlife's Natural Diversity Data Base. You can contact the California Department of Fish and Wildlife at (916) 324-3812 for information on other sensitive species that may occur in this area.

[*A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.]

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Ventura Fish And Wildlife Office
2493 Portola Road, Suite B
Ventura, CA 93003-7726
(805) 644-1766

Project Summary

Consultation Code: 08EVEN00-2021-SLI-0302
Event Code: 08EVEN00-2021-E-01095
Project Name: Santa Ynez Volks EA
Project Type: DEVELOPMENT
Project Description: development
Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@34.6109413,-120.0823080061999,14z



Counties: Santa Barbara County, California

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Least Bell's Vireo *Vireo bellii pusillus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Southwestern Willow Flycatcher *Empidonax traillii extimus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

Amphibians

NAME	STATUS
California Red-legged Frog *Rana draytonii* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened

Crustaceans

NAME	STATUS
Vernal Pool Fairy Shrimp *Branchinecta lynchi* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/498	Threatened

Flowering Plants

NAME	STATUS
Gambel's Watercress *Rorippa gambellii*	Endangered
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/4201	
Marsh Sandwort *Arenaria paludicola*	Endangered
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/2229	

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Los Olivos (3412061) OR Santa Ynez (3412051))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Accipiter cooperii Cooper's hawk	ABNKC12040	None	None	G5	S4	WL
Agelaius tricolor tricolored blackbird	ABPBXB0020	None	Threatened	G1G2	S1S2	SSC
Agrostis hooveri Hoover's bent grass	PMPOA040M0	None	None	G2	S2	1B.2
Anniella pulchra Northern California legless lizard	ARACC01020	None	None	G3	S3	SSC
Arctostaphylos refugioensis Refugio manzanita	PDERI041B0	None	None	G3	S3	1B.2
Bombus caliginosus obscure bumble bee	IIHYM24380	None	None	G4?	S1S2	
Bombus crotchii Crotch bumble bee	IIHYM24480	None	Candidate Endangered	G3G4	S1S2	
Calochortus fimbriatus late-flowered mariposa-lily	PMLIL0D1J2	None	None	G3	S3	1B.3
Caulanthus amplexicaulis var. barbarae Santa Barbara jewelflower	PDBRA0M012	None	None	G4T2	S2	1B.1
Cordylanthus rigidus ssp. littoralis seaside bird's-beak	PDSCR0J0P2	None	Endangered	G5T2	S2	1B.1
Corynorhinus townsendii Townsend's big-eared bat	AMACC08010	None	None	G4	S2	SSC
Delphinium umbraculorum umbrella larkspur	PDRAN0B1W0	None	None	G3	S3	1B.3
Emys marmorata western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
Falco mexicanus prairie falcon	ABNKD06090	None	None	G5	S4	WL
Fritillaria ojaiensis Ojai fritillary	PMLIL0V0N0	None	None	G3	S3	1B.2
Lasthenia glabrata ssp. coulteri Coulter's goldfields	PDAST5L0A1	None	None	G4T2	S2	1B.1
Lonicera subspicata var. subspicata Santa Barbara honeysuckle	PDCPR030R3	None	None	G5T2?	S2?	1B.2
Monardella hypoleuca ssp. hypoleuca white-veined monardella	PDLAM180A5	None	None	G4T3	S3	1B.3
Oncorhynchus mykiss irideus pop. 10 steelhead - southern California DPS	AFCHA0209J	Endangered	None	G5T1Q	S1	
Phrynosoma blainvillii coast horned lizard	ARACF12100	None	None	G3G4	S3S4	SSC

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Progne subis purple martin	ABPAU01010	None	None	G5	S3	SSC
Rana draytonii California red-legged frog	AAABH01022	Threatened	None	G2G3	S2S3	SSC
Senecio aphanactis chaparral ragwort	PDAST8H060	None	None	G3	S2	2B.2
Southern California Steelhead Stream Southern California Steelhead Stream	CARE2310CA	None	None	GNR	SNR	
Southern Coast Live Oak Riparian Forest Southern Coast Live Oak Riparian Forest	CTT61310CA	None	None	G4	S4	
Southern Cottonwood Willow Riparian Forest Southern Cottonwood Willow Riparian Forest	CTT61330CA	None	None	G3	S3.2	
Southern Vernal Pool Southern Vernal Pool	CTT44300CA	None	None	GNR	SNR	
Southern Willow Scrub Southern Willow Scrub	CTT63320CA	None	None	G3	S2.1	
Spea hammondii western spadefoot	AAABF02020	None	None	G2G3	S3	SSC
Taricha torosa Coast Range newt	AAAAF02032	None	None	G4	S4	SSC
Thamnophis hammondii two-striped gartersnake	ARADB36160	None	None	G4	S3S4	SSC
Thelypteris puberula var. sonorensis Sonoran maiden fern	PPTHE05192	None	None	G5T3	S2	2B.2
Thermopsis macrophylla Santa Ynez false lupine	PDFAB3Z0E0	None	Rare	G1	S1	1B.3

Record Count: 33

CNPS California Native Plant Society

*The database used to provide updates to the Online Inventory is under construction. View updates and changes made since May 2019 here.

Plant List

22 matches found. *Click on scientific name for details*

Search Criteria

Found in Quads 3412051 and 3412061;

Modify Search Criteria | Export to Excel | Modify Columns | Modify Sort | Display Photos

Scientific Name	Common Name	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank	State Listing Status	Federal Listing Status
Agrostis hooveri	Hoover's bent grass	Apr-Jul	1B.2	S2	G2		
Amsinckia douglasiana	Douglas' fiddleneck	Mar-May	4.2	S4	G4		
Arctostaphylos refugioensis	Refugio manzanita	Dec-Mar(May)	1B.2	S3	G3		
Calandrinia breweri	Brewer's calandrinia	(Jan)Mar-Jun	4.2	S4	G4		
Calochortus catalinae	Catalina mariposa lily	(Feb)Mar-Jun	4.2	S3S4	G3G4		
Calochortus clavatus var. clavatus	club-haired mariposa lily	(Mar)May-Jun	4.3	S3	G4T3		
Calochortus fimbriatus	late-flowered mariposa lily	Jun-Aug	1B.3	S3	G3		
Calystegia collina ssp. venusta	South Coast Range morning-glory	Apr-Jun	4.3	S4	G4T4		
Caulanthus amplexicaulis var. barbarae	Santa Barbara jewelflower	May-Jul	1B.1	S2	G4T2		
Clinopodium mimuloides	monkey-flower savory	Jun-Oct	4.2	S3	G3		
Convolvulus simulans	small-flowered morning-glory	Mar-Jul	4.2	S4	G4		
Cordylanthus rigidus ssp. littoralis	seaside bird's-beak	Apr-Oct	1B.1	S2	G5T2	CE	
Deinandra paniculata	paniculate tarplant	(Mar)Apr-Nov(Dec)	4.2	S4	G4		
Delphinium umbraculorum	umbrella larkspur	Apr-Jun	1B.3	S3	G3		
Fritillaria ojaiensis	Ojai fritillary	Feb-May	1B.2	S3	G3		
Lasthenia glabrata ssp. coulteri	Coulter's goldfields	Feb-Jun	1B.1	S2	G4T2		
Lonicera subspicata var. subspicata	Santa Barbara honeysuckle	May-Aug(Dec-Feb)	1B.2	S2?	G5T2?		
	white-veined	(Apr)May-	1B.3	S3	G4T3		

Monardella hypoleuca ssp. hypoleuca	monardella	Aug(Sep-Dec)				
Phacelia hubbyi	Hubby's phacelia	Apr-Jul	4.2	S4	G4	
Ribes amarum var. hoffmannii	Hoffmann's bitter gooseberry	Mar-Apr	3	S3	G4?T3	
Senecio aphanactis	chaparral ragwort	Jan-Apr(May)	2B.2	S2	G3	
Thermopsis macrophylla	Santa Ynez false lupine	Apr-Jun	1B.3	S1	G1	CR

Suggested Citation

California Native Plant Society, Rare Plant Program. 2021. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 13 April 2021].

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Critical Habitat for Threatened & Endangered Species [USFWS]

Final Linear Features

Final Polygon Features

Proposed Linear Features

Proposed Polygon Features



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

U.S. Fish and Wildlife Service | The data found in this file were developed by the U.S. Fish & Wildlife Service field offices. For more information please refer to the species level metadata found with the individual shapefiles. The ECOS Joint Development Team is responsible for creating and serving this conglomerate file. No data alterations are made by ECOS. | Maxar | Esri Community Maps Contributors, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

U.S. Fish and Wildlife Service
National Wetlands Inventory

Volks Santa Ynez



April 13, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX E

Cultural Resources (Bound Under Separate Cover)

APPENDIX F

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