Attachment B

Initial Study/Mitigated Negative Declaration for the Prunedale Roundabout Project, Monterey County, California

FINAL

APRIL 2025

PREPARED FOR

County of Monterey

PREPARED BY

SWCA Environmental Consultants

INITIAL STUDY/MITIGATED NEGATIVE DECLARATION FOR THE PRUNEDALE ROUNDABOUT PROJECT, MONTEREY COUNTY, CALIFORNIA

FINAL

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SWCA Project No. 79000

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1 INTRODUCTION

The County of Monterey (County) is proposing the Prunedale Roundabout Project (project), which would replace the existing one-way stop-controlled intersection located at Castroville Boulevard and San Miguel Canyon Road with a single-lane roundabout in unincorporated Monterey County, California. The purpose of the proposed project is to provide a strategic solution to address existing safety concerns and vehicle congestion along the San Miguel Canyon Road corridor.

The proposed project is included in the Highway Safety Improvement Program (HSIP) Cycle 10 project list that was released by the California Department of Transportation (Caltrans) on March 30, 2021. According to the Transportation Agency for Monterey County (TAMC) *G12: Pajaro to Prunedale Corridor Study Final Report*, the proposed project was initially envisioned as a multi-lane roundabout (TAMC 2019). However, during an alternatives analysis, a multi-lane roundabout was found to be infeasible at this stage of the development of the corridor. Therefore, a single-lane roundabout with a right-turn bypass lane located just north of the existing intersection was selected. As a result, right-of-way (ROW) acquisitions and temporary construction easements (TCEs) would be required to construct the proposed intersection improvements, as well as a temporary signalized intersection to control traffic during construction. The project would be delivered within the funding constraints of HSIP Cycle 10.

The proposed project is intended to improve the safety of the existing intersection by reducing the speed of vehicles through the intersection and, therefore, reducing the risk and severity of vehicular collisions at the project location. The proposed project would also accommodate future travel demands in the region and decrease vehicle congestion along the corridor.

1.1 Project Location

The project site is located at the intersection of Castroville Boulevard and San Miguel Canyon Road in unincorporated Monterey County, California (Figure 1).

1.2 Environmental Setting

The project site consists of the one-way stop-controlled intersection of Castroville Boulevard and San Miguel Canyon Road. At the intersection, the terminus of Castroville Boulevard is controlled by a stop sign while San Miguel Canyon Road is uncontrolled in both the northbound and southbound directions. The segment of Castroville Boulevard in the project area consists of a single westbound and eastbound lane, the intersection with San Miguel Canyon Road consists of a single eastbound lane, a left turn lane, and right-turn lane. The segment of San Miguel Canyon Road in the project area consists of a two-lane road with bidirectional traffic. At the intersection, northbound traffic is served by a left-turn lane and a thru lane while the single southbound lane has a dedicated right turn. The posted speed limit is 55 miles per hour (mph) and approximately 2,000 vehicles utilize this intersection per hour.

The project site is characterized by gently to steeply sloping topography with paved roadways and road shoulders with ruderal vegetation and otherwise disturbed areas. Based on a review of the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Surface Waters and Wetlands Mapper, there is a mapped freshwater emergent wetland located approximately 25 feet east of San Miguel Canyon Road at the southeastern edge of the proposed project area (USFWS 2024; Figure 2). According to Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) 06053C0091G (effective 4/2/2009), the project site is located in Zone X, an area with minimal flood hazard; however, areas designated Zone AE (100-year flood zone) are located approximately 25 feet east of San Miguel

Canyon Road at the eastern edge of the project area (FEMA 2023; Figure 3). The project site is located outside of the coastal zone of Monterey County.

Surrounding land uses include single-family residences within the Residential – Low Density 0.5-1 acres/unit (LDR/1) to the north, east, and west and Manzanita County Park within the Public/Quasi-Public (PQP) to the south.

1.3 Project Description

The proposed project includes the replacement of the existing one-way stop-controlled intersection located at Castroville Boulevard and San Miguel Canyon Road with a single-lane roundabout with a right-turn bypass lane and the construction of associated roadway improvements, including installation of pedestrian crosswalks, lighting, signage, a potential retaining wall, flashing beacons with radar feedback signs, and a temporary signalized intersection to address traffic control during construction (Figure 4).

Project construction would occur during nighttime and daytime work hours with a phased approach to maintain vehicle access through the intersection and minimize impacts to traffic. Proposed construction activities that would occur during nighttime hours (9:00 p.m. to 7:00 a.m.) would include roadway improvements, embankment adjustments, and restriping. Periodic directional lane closures and detours would be limited to specific and necessary items of work and would be conducted through a traffic management plan. Construction activities would be conducted in the following four phases:

1. **Phase 1:** site preparation activities, including clearing and grubbing, earthwork, and installation of a temporary roadway and temporary traffic signals;
2. **Phase 2:** improvements to the eastbound approach;
3. **Phase 3:** construction of the roundabout and potential retaining wall; and
4. **Phase 4:** removal of temporary roadway, equipment, and supplies and returning the project site to preconstruction conditions.

The project may include the installation of one new retaining wall along the eastern side of San Miguel Canyon Road that would be approximately 175 feet in length and 10 feet in height.

Because the existing intersection experiences over 2,000 vehicle trips per hour during peak hour conditions (Kittleson & Associates 2024), closing the intersection is not a feasible option; therefore, a temporary signalized intersection would be necessary to facilitate construction of the proposed improvements. During construction, the existing Monterey-Salinas transit stop located directly south of the intersection may be temporarily relocated further south to allow the transit stop to remain open to the public during construction activities. Following construction activities, the transit stop would be relocated to the original location. The project would require ROW acquisitions and TCEs from four surrounding parcels—Assessor's Parcel Numbers (APNs) 129-083-031, 127-361-014, 127-361-013, and 127-361-007 (see Figure 4). ROW acquisitions and TCEs would be required to construct the proposed roadway improvements, including the construction of the single-lane roundabout with a right-turn bypass lane, pedestrian crosswalks, lighting, signage, a potential retaining wall, flashing beacons with radar feedback signs, and a temporary signalized intersection to handle traffic during construction. Following construction activities, the TCEs would be returned to preconstruction conditions.

There is existing utility infrastructure located within the project area, including American Telephone and Telegraph Company (AT&T), Pacific Gas and Electric Company (PG&E), and Comcast infrastructure. Both underground and aerial facilities would be impacted, and it is anticipated that all relocations would

remain within the public right-of-way. The project includes the relocation of three utility poles within the project area.

The project would result in approximately 3.16 acres of ground disturbance, including approximately 4,500 cubic yards of cut and 550 cubic yards of imported soil. The depth of excavation activities would generally vary throughout the project site with the maximum depth of excavation being 7 feet for installation of the relocated utility poles. Subsurface excavation would be required for roadway improvements, drainage facilities, utility pole relocations, and the potential retaining wall. The project would require the removal of 72 trees from the project area, including 27 oak trees, 42 willow trees, two eucalyptus trees, and one pine tree. Proposed tree removals would be conducted in accordance with the Monterey County Zoning Ordinance (Title 21, Chapter 21.64.260 – Preservation of Oak and Other Protected Trees [tree ordinance]). The four phases of project construction are anticipated to occur over a period of 7 to 8 months, beginning in spring/summer 2026, as feasible. Project construction is expected to require the use of excavators, dozers, cranes, pavers, dump trucks, concrete trucks, concrete pumps, excavation shoring systems, and drilling equipment.

1.4 Potential Authorizations, Permits, and Approvals

The potential authorizations, permits, reviews, and approvals from federal, state, and local agencies that would be required for the project are listed in Table 1.

Table 1. Potential Authorizations, Permits, Reviews, and Approvals

Authorizing Agency	Permit / Approval / Consultation
Monterey Bay Air Resources District	Authority to Construct/Permit to Operate
County of Monterey	Exclusion to Tree Removal Permit, Variance for Construction Noise

Figure 1. Project Location Map.

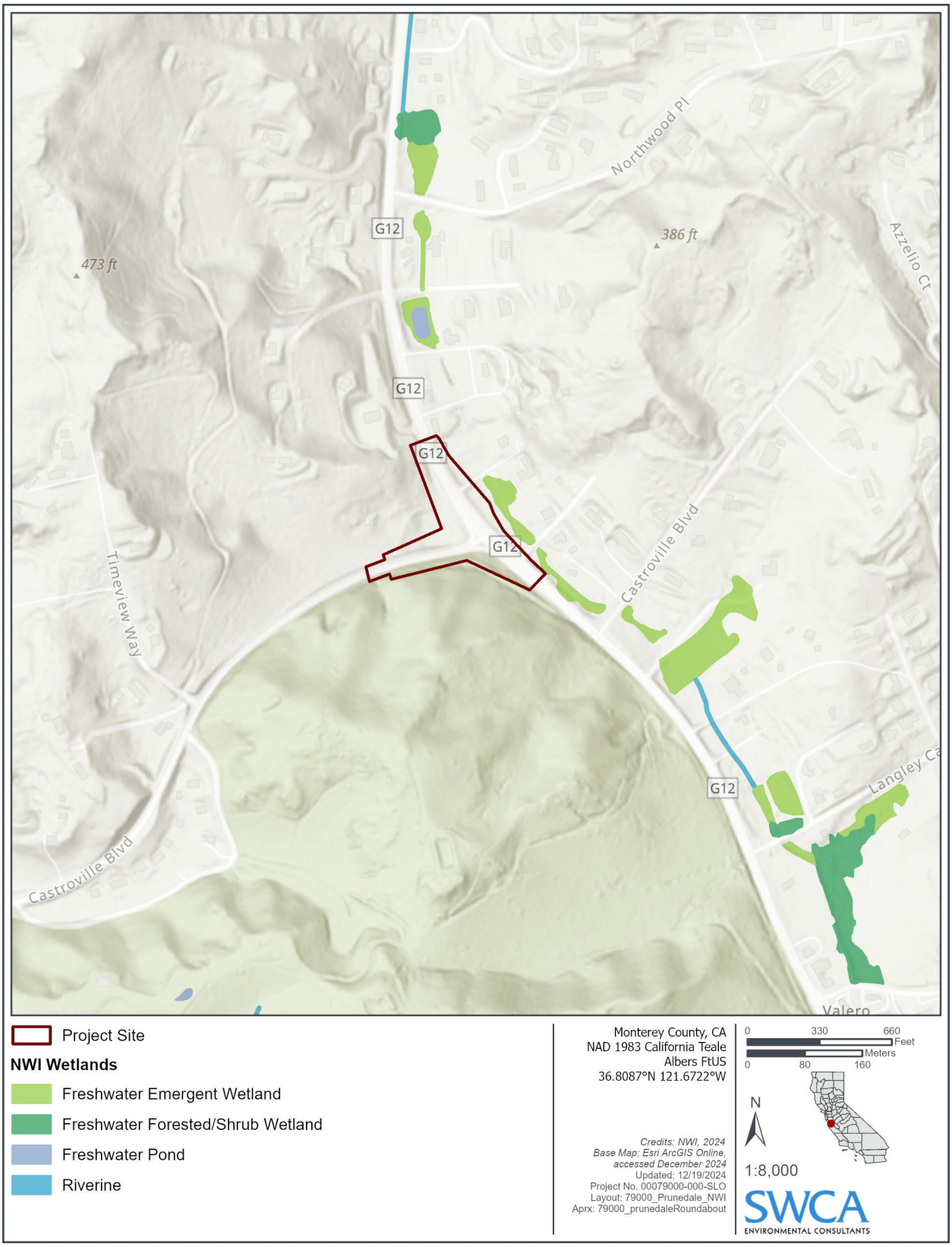
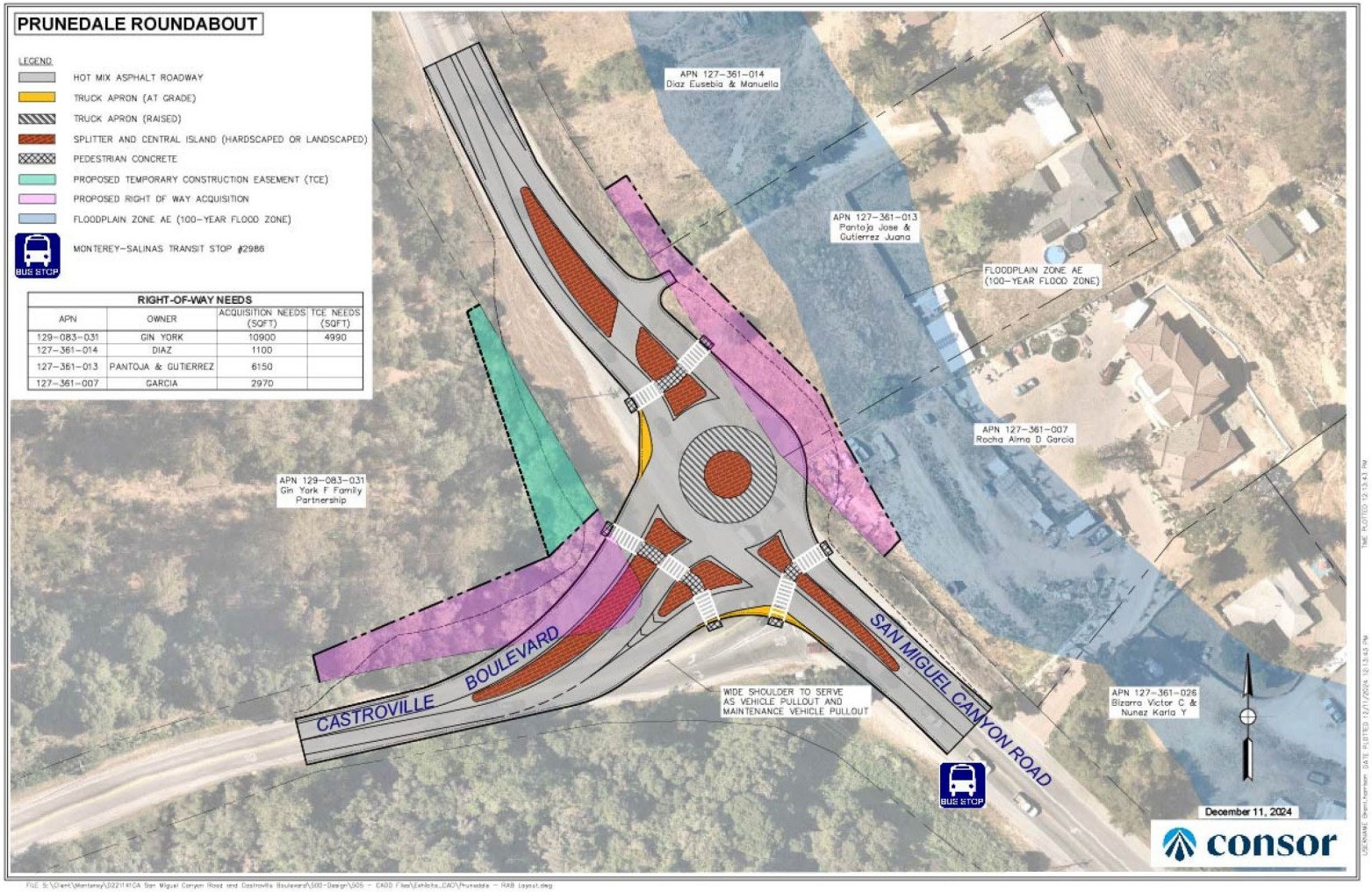


Figure 2. National Wetlands Inventory Map.

Figure 3. FEMA Flood Insurance Rate Map.



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Source: Consor, December 2024

Figure 4. Site Plan Map.

2 ENVIRONMENTAL CHECKLIST AND ENVIRONMENTAL EVALUATION

Environmental Factors Potentially Affected

The proposed project could have a "Potentially Significant Impact" for environmental factors checked below. Please refer to the attached pages for discussion on mitigation measures or project revisions to either reduce these impacts to less than significant levels or require further study.

☐ Aesthetics	☐ Greenhouse Gas Emissions	☐ Public Services
☐ Agriculture and Forestry Resources	☒ Hazards and Hazardous Materials	☐ Recreation
☒ Air Quality	☐ Hydrology and Water Quality	☐ Transportation
☒ Biological Resources	☒ Land Use and Planning	☒ Tribal Cultural Resources
☒ Cultural Resources	☐ Mineral Resources	☒ Utilities and Service Systems
☐ Energy	☒ Noise	☐ Wildfire
☐ Geology and Soils	☐ Population and Housing	☒ Mandatory Findings of Significance

Environmental Determination

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measure based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Date: _____ **Signed:** _____

I. Aesthetics

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
(a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
(b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
(c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
(d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

Setting

The California Environmental Quality Act (CEQA) establishes that it is the policy of the state to take all action necessary to provide people of the state "with . . . enjoyment of aesthetic, natural, scenic and historic environmental qualities" (California Public Resources Code [PRC] Section 21001(b)). A scenic vista is generally defined as a high-quality view displaying good aesthetic and compositional values that can be seen from public viewpoints. Some scenic vistas are officially or informally designated by public agencies or other organizations. A substantial adverse effect on a scenic vista would occur if the project would significantly degrade the scenic landscape as viewed from public roads or other public areas. A proposed project's potential effect on a scenic vista is largely dependent on the degree to which it would complement or contrast with the natural setting, the degree to which it would be noticeable in the existing environment, and whether it detracts from or complements the scenic vista.

The California Scenic Highway Program was created by the State Legislature in 1963 with the intention of protecting and enhancing the natural scenic beauty of California highways and adjacent corridors. A highway may be designated scenic depending on how much of the natural landscape can be seen by travelers, the scenic quality of the landscape, and the extent to which development intrudes upon the traveler's enjoyment of the view. According to the Caltrans State Scenic Highway System Map, the nearest designated state scenic highway is State Route (SR) 156, approximately 1.35 miles south of the project site. In addition, U.S. Route 101 (US 101) is an eligible state scenic highway, approximately 1.3 miles southeast of the project site (Caltrans 2018).

The project site is located in a developed area within the North County Planning Area within the County ROW of Castroville Boulevard and San Miguel Canyon Road. The project site is characterized by gently sloping topography with paved roadways and road shoulders with ruderal vegetation and otherwise disturbed areas. According to the *2010 Monterey County General Plan*, the project site is not located along any existing or proposed scenic routes or within a designated sensitive or highly sensitive visual area (County of Monterey 2010).

Environmental Evaluation

a) Would the project have a substantial adverse effect on a scenic vista?

According to the General Plan, the project site is not located along any existing or proposed scenic routes or within a designated sensitive or highly sensitive visual area; therefore, the project would not have a substantial adverse effect on a scenic vista, and *no impacts* would occur.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

The nearest officially designated state scenic highway is SR 156, approximately 1.35 miles south of the project site, and the nearest eligible state scenic highway is US 101, approximately 1.3 miles southeast of the project site (Caltrans 2018). Due to distance as well as intervening topography and vegetation, the project site would not be visible from SR 156 or US 101; therefore, *no impacts* would occur.

c) In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

The project site consists of an existing intersection within a developed area in the North County Planning Area in unincorporated Monterey County. The project site is not located along any existing or proposed scenic routes or within a designated sensitive or highly sensitive visual area (County of Monterey 2010). The project would not introduce new buildings, structures, or other features that would be subject to building design requirements included in the General Plan or County Municipal Code. The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection. The proposed roundabout and associated roadway improvements would be constructed at grade and would not result in a substantial change in the visual character of the immediate or surrounding area. Proposed aboveground features would include directional signage, street lighting, a potential retaining wall, and flashing beacons with radar feedback signs. The potential retaining wall would be installed along the eastern side of San Miguel Canyon Road and would be approximately 175 feet in length and 10 feet in height. The potential retaining wall would be neutral toned and would not include architectural or design features that could substantially detract from the existing visual character of the project area. Proposed development would be consistent with the level of existing development associated with the current one-way stop-controlled intersection and would not result in a substantial change in the visual character of the immediate or surrounding area.

Construction activities would be visible from surrounding land uses during the 7- to 8-month-long construction period and would include the presence of construction equipment, vehicles, staging areas, construction materials, and a temporary signalized intersection. Additionally, associated signage or traffic cones may be necessary for safety during the construction period. Following construction activities, equipment, traffic signals, vehicles, and signage would be removed from the project site; therefore, proposed construction activities would not result in a permanent change in the visual character of the project area.

Based on the analysis provided above, the proposed project would not substantially degrade the existing character of the immediate or surrounding area; therefore, project impacts would be *less than significant*.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Existing nighttime lighting in the project area consists of vehicle headlights and streetlights along Castroville Boulevard and San Miguel Canyon Road and lighting from surrounding residential land uses. The project includes the installation of street lighting and a temporary signalized intersection, which would contribute to nighttime lighting in the project area. In accordance with County Municipal Code Section 21.63.020, street lighting would be used for illumination purposes only and pointed downward to avoid light spillover to surrounding land uses. Construction activities would occur between 7:00 a.m. and 9:00 p.m. each day, and any nighttime lighting used during the construction period would be short term and exempt from the design guidelines for exterior lighting in accordance with County Municipal Code Section 21.63.020.D. Following construction, the temporary signalized intersection would be removed from the intersection. Based on required compliance with the County Municipal Code, the proposed project would not create a new source of substantial light or glare; therefore, impacts would be *less than significant*.

Conclusion

The project would not substantially affect a scenic vista, damage a scenic resource, conflict with zoning, or create a source of new light or glare; therefore, impacts related to aesthetics would be less than significant.

Mitigation Measures

Mitigation is not necessary.

II. Agriculture and Forestry Resources

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
(a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
(b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒

	Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
(d)	Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
(e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Setting

The California Department of Conservation (CDOC) Farmland Mapping and Monitoring Program (FMMP) produces maps and statistical data used for analyzing impacts on California's agricultural resources. Agricultural land is rated according to soil quality and current land use. For environmental review purposes under CEQA, the FMMP categories of Prime Farmland, Farmland of Statewide Importance, Unique Farmland, Farmland of Local Importance, and Grazing Land are considered "agricultural land." Other non-agricultural designations include, but are not limited to, Urban and Built-up Land, Other Land, and Water. According to the FMMP, the project site is located on land that is designated as Other Land (CDOC 2022).

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (NRCS 2023), the project site is underlain by the following soil type:

- **Arnold loamy sand, 9 to 20 percent slopes, Major Land resource Area (MLRA) 15.** This somewhat excessively drained soil has a low runoff class and a depth to restrictive feature of 40 to 60 inches to paralithic bedrock. The typical soil profile consists of loamy sand, loamy fine sand, and bedrock. This soil is considered Farmland of Statewide Importance by the NRCS.

The Land Conservation Act of 1965, commonly referred to as the Williamson Act, enables local governments to enter into contracts with private landowners for the purpose of restricting specific parcels of land to agriculture or related open space uses. In return, landowners receive property tax assessments that are much lower than normal because they are based on farming and open space uses as opposed to full market value. The project site and surrounding parcels are not subject to a Williamson Act contract.

According to PRC Section 12220(g), forest land is defined as land that can support 10% native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits. Timberland is defined as land, other than land owned by the federal government and land designated by the State Board of Forestry and Fire Protection as experimental forest land, which is available for, and capable of, growing a crop of trees of a commercial species used to produce lumber and other forest products, including Christmas trees. The project site is not considered forestland by PRC Section 12220(g).

Environmental Evaluation

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

The project site is underlain by land designated as Other Land by the FMMP (CDOC 2022). The project site does not consist of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as designated by the FMMP; therefore, the proposed project would not result in conversion of Farmland, and *no impacts* would occur.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

The project site consists of an existing intersection within the County's ROW, and surrounding land uses include single-family residences within the LDR/1 land use designation to the north, east, and west and Manzanita County Park within the PQP land use designation to the south. The project site and surrounding areas are not subject to a Williamson Act contract. Therefore, the project would not result in a conflict with existing zoning for agricultural use or a Williamson Act contract, and *no impacts* would occur.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

The project site and surrounding area is not within forest land, timberland, or timberland production land use or zoning designations. Therefore, the proposed project would not conflict with the zoning, or cause rezoning of, designated forest land, timberland, or timberland production, and *no impacts* would occur.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

The project site consists of an existing roadway and is not considered forestland by PRC Section 12220(g). The project would require the removal of 72 trees for the construction of a temporary detour route. Since the project site does not support forest land, any tree removal required for the project would not result in the loss or conversion of forest land; therefore, *no impacts* would occur.

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

The project site is located in a previously developed area within unincorporated Monterey County and there are no commercial crop production or agricultural land uses within the vicinity of the project site. As previously evaluated, the project would not result in the conversion of Farmland or forest land and

would not interfere with zoning for agricultural or forest land uses. The proposed project would be limited to the construction of a roundabout and associated roadway improvements and would not result in new land uses that could reduce the availability of water for existing agricultural uses in the vicinity of the project site. In addition, proposed roadway improvements would be paved and would not increase dust that could inadvertently damage crops in the vicinity of the project site. Therefore, the project would not indirectly result in the conversion of Farmland or forest land, and *no impacts* would occur.

Conclusion

The proposed project would not result in the conversion of Farmland or forest land and would not interfere with zoning for agricultural or forest uses. Therefore, the project would not result in impacts related to agriculture and forestry resources.

Mitigation Measures

Mitigation is not necessary.

III. Air Quality

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
(a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
(b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
(c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
(d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☒	☐	☐

Setting

Monterey County is within the North Central Coast Air Basin (NCCAB) and is under the jurisdiction of the Monterey Bay Air Resources District (MBARD). According to the U.S. Environmental Protection Agency (USEPA), Monterey County is in attainment for all criteria air pollutants according to federal standards (USEPA 2022). According to the California Air Resources Board (CARB), Monterey County is not in attainment for particulate matter 10 microns or less in diameter (PM_{10}) standards established by the state (CARB 2020b). According to the *2012-2015 Air Quality Management Plan* (MBARD AQMP), the NCCAB is not in attainment for the 8-hour ozone standards established by the state (MBARD 2017). The MBARD *2005 Report on Attainment of the California Particulate Matter Standards in the Monterey Bay Region* (MBARD Particulate Matter Plan; MBARD 2005) includes reduction goals and strategies related to particulate matter emission standards, and the MBARD AQMP includes reduction goals and strategies related to the 8-hour ozone emission standards (MBARD 2017).

The Monterey Bay Air Resources District (MBARD) prepared *Guidelines for Implementing the California Environmental Quality Act* to identify procedures for complying with CEQA for permit issuance, rulemaking, and adoption of plans established by the MBARD (MBARD 2016). The MBARD has established air quality thresholds of significance for projects in Monterey, San Benito, and Santa Cruz Counties. A project will not have a significant air quality effect on the environment if the criteria identified in Table 2 are met (MBARD 2016).

Table 2. Monterey Bay Air Resources District Thresholds

Pollutant/Precursor	Construction Emissions (pounds per day)	Operational Emissions (pounds per day)
CO	550	550
NO_X	137	137
ROG	137	137
PM_{10}	82	82
$PM_{2.5}$	55	55

Source: MBARD (2016)

Notes: CO = carbon monoxide; NO_X = nitrogen oxides; ROG = reactive organic gases; $PM_{2.5}$ = particulate matter 2.5 microns or less in diameter

Sensitive receptors are people that have an increased sensitivity to air pollution or environmental contaminants, such as the elderly, children, people with asthma or other respiratory illnesses, and others who are at a heightened risk of negative health outcomes due to exposure to air pollution. Some land uses are considered more sensitive to changes in air quality than others due to the population that occupies the uses and the activities involved. Sensitive receptor locations include schools, parks and playgrounds, daycare centers, nursing homes, hospitals, and residences. There are single-family residences to the northeast and east of the project site. The nearest sensitive receptor is a single-family residence located approximately 150 feet east.

Environmental Evaluation

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

The MBARD Particulate Matter Plan includes reduction goals and strategies related to particulate matter emission standards and the MBARD AQMP includes reduction goals and strategies related to the 8-hour ozone emissions standards (MBARD 2005, 2017). The MBARD Particulate Matter Plan identifies construction activities, agricultural activities, and vehicle use on unpaved roadways as the primary source of particulate matter emissions (MBARD 2005). In addition, the MBARD AQMP identifies mobile source emissions as the primary contributor to reactive organic gas (ROG) and nitrogen oxides (NO_X) emissions, which are ozone precursor emissions (MBARD 2017).

The potential for the project to result in air pollutant emissions, including ROG, NOx, and PM, is described in detail in *Threshold Discussion III(b)*. The project does not include development of new land uses or transportation corridors that would be subject to land use and transportation strategies included in the MBARD AQMP or General Plan. Operation of the project would result in the operation of an existing intersection and would not generate new vehicle trips within the project area. Further, implementation of the proposed roundabout would improve vehicle flow at the intersection, which may ultimately reduce vehicle congestion and associated emissions. The project would not result in substantial pollutant emissions or interfere with land use and transportation strategies related to reduction of pollutant

emissions; therefore, the project would be consistent with the MBARD Particulate Matter Plan, MBARD AQMP, and General Plan, and potential impacts would be *less than significant*.

b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Monterey County is not in attainment for the PM_{10} standards established by the state (CARB 2022). In addition, according to the MBARD AQMP, the NCCAB is not in attainment of the 8-hour ozone standards established by the state (MBARD 2017). The project would primarily generate emissions during construction of the proposed roundabout and associated roadway improvements.

Short-Term Emissions

Heavy equipment and earth-moving construction activities generate fugitive dust and combustion emissions; these may have substantial temporary impacts on local air quality. Fugitive dust emissions would result from land clearing, demolition, excavation, trenching, grading activities, and trip generation. Combustion emissions, such as NO_X and PM_{10}, are most significant when using large diesel-fueled scrapers, loaders, bulldozers, haul trucks, compressors, generators, and other types of equipment.

Estimated construction air emissions were calculated for the proposed project using the California Emissions Estimator Model (CalEEMod). The CalEEMod results are included in Appendix A, and the results of the unmitigated estimated construction emission calculations for the proposed project are shown in Table 3.

Table 3. Annual Construction Emissions for the Proposed Project

	Criteria Pollutant (pounds per day)				
Source	**ROG**	**NO_X**	**CO**	**PM_{10}**	**$PM_{2.5}$**
Project Construction (2024)	1.33	13.84	8.97	7.74	3.97
Project Construction (2025)	1.41	12.45	13.18	7.66	3.90
MBARD Threshold	**137**	**137**	**550**	**82**	**55**
Exceed threshold?	***No***	***No***	***No***	***No***	***No***

Source: MBARD (2016)

Based on the results shown in Table 3, construction air emissions would be in compliance with the MBARD thresholds for all pollutants; therefore, construction-related impacts would be *less than significant*.

Long-Term Emissions

The project would be limited to the operation of an existing roadway intersection and does not include the establishment of new land uses or activities that could generate long-term air pollutant emissions in the region; therefore, the project would not be expected to exceed MBARD operational thresholds. Following construction activities, the roadway would be paved and would not generate long-term dust emissions that could exceed the MBARD threshold of significance for fugitive dust emissions. Further, the project would not increase roadway capacity in a manner that could increase the number of vehicle trips along this roadway or require long-term maintenance trips that could generate a new source of mobile-source

emissions. Therefore, the project would not be expected to exceed the MBARD threshold of significant for combustion emissions. Based on the limited amount of operational emissions generated by the project, potential impacts related to long-term air pollutant emissions would be *less than significant*.

c) Would the project expose sensitive receptors to substantial pollutant concentrations?

There are single-family residences to the northeast and east of the project site. The nearest sensitive receptor is a single-family residence located approximately 150 feet east of the project site. As described previously, the project would result in limited, short-term construction-related emissions, including ROG, NOx, and PM. Additionally, construction activities would be required to comply with diesel-idling requirements identified by the CARB, including limiting idling to 5 minutes or less, which would further reduce the potential for substantial construction-related emissions to occur during construction (CARB 2020a). Although the project would result in limited emissions, due to the proximity of the nearest sensitive receptor location, Mitigation Measure (MM) AQ-1 and MM AQ-2 have been included to further reduce the potential for construction-related emissions to affect nearby sensitive receptors. With adherence to the diesel idling restrictions identified by the CARB and implementation of MM AQ-1 and MM AQ-2, the project would not expose sensitive receptors to substantial pollutant concentrations; therefore, impacts would be *less than significant with mitigation*.

d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction activities generally have the potential to emit odors from diesel equipment, paints, solvents, fugitive dust, and adhesives. Any odors generated by construction activities would be intermittent and temporary, and generally would not extend beyond the construction area. Any construction odors would be temporary and limited to the construction phase of the proposed project. The project does not include the establishment of new land uses or other activities that could generate long-term odors within the project area.

The project would not expose people to other emissions, such as naturally occurring asbestos (NOA), because the project site is not located in an area with the potential for NOA to occur (California Geological Survey [CGS] 2011). The project would require the demolition and removal of damaged portions of the roadway that have the potential to contain asbestos-containing material (ACM). MM AQ-3 has been identified to reduce the potential to release ACM during proposed demolition activities. Construction-related odors would be temporary, intermittent, and undetectable and with implementation of MM AQ-3, the project would not expose people to other emissions, including NOA or ACM; therefore, potential impacts would be *less than significant with mitigation*.

Conclusion

The project would be consistent with the MBARD Particulate Matter Plan and AQMP and would not exceed established MBARD emissions thresholds during project construction or operation. MM AQ-1 and MM AQ-2 have been included to reduce diesel exhaust and fugitive dust exposure to sensitive receptors during construction. MM AQ-3 has been included to reduce the potential to disturb ACM and result in other air emissions. Upon implementation of the identified mitigation measures, potential impacts related to air quality would be less than significant.

Mitigation Measures

MM AQ-1 The following measures shall be implemented and shown on project specifications to minimize construction equipment-generated emissions:

1. Substitute alternative-fueled or catalyst-equipped diesel construction equipment, when available.
2. Minimize idling time to not exceed 5 minutes, to the maximum extent feasible.
3. Minimize the hours of operation of heavy-duty equipment and/or the amount of equipment in use to the greatest extent feasible.
4. Replace fossil-fueled equipment with electrically driven equivalents (provided they are not run through a portable generator set) when available.
5. Implement activity management (e.g., reschedule activities to reduce short-term impacts).

MM AQ-2 The following measures shall be implemented and shown on project specifications to minimize construction-generated dust emissions:

1. Water unpaved construction areas as needed. Frequency should be based on the type of operation, soil, and wind exposure.
2. Prohibit all grading activities during periods of high wind (over 15 miles per hour).
3. Hydroseed exposed areas after cut and fill operations.
4. Haul trucks shall maintain at least 2 feet of freeboard.
5. Cover all trucks hauling dirt, sand, or loose materials.
6. Cover inactive storage piles.
7. Sweep streets if visible soil material is carried out from the construction site.
8. Post a publicly visible sign that specifies the telephone number and person to contact regarding dust complaints. This person shall respond to complaints and take corrective action within 48 hours. The phone number of the Monterey Bay Air Resources District shall be visible to ensure compliance with Rule 402 (Nuisance).

MM AQ-3 Prior to initiation of demolition and ground-disturbing activities, the County of Monterey shall retain a Certified Asbestos Consultant to conduct a thorough inspection of the roadway and culverts proposed for demolition and removal to determine if asbestos-containing material (ACM) is present. If asbestos is determined to be present within the materials proposed for demolition and/or removal, proposed activities shall be conducted in accordance with the requirements stipulated in the National Emission Standards for Hazardous Air Pollutants (NESHAP) (40 Code of Federal Regulations 61, Subpart M – Asbestos).

IV. Biological Resources

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
(b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☐	☐	☒
(c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☒	☐
(d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
(e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
(f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Setting

The Federal Endangered Species Act (FESA) of 1973 provides legislation to protect federally listed plant and animal species. The California Endangered Species Act (CESA) of 1984 ensures legal protection for plants listed as rare or endangered and animal species formally listed as endangered or threatened, and also maintains a list of California Species of Special Concern (SSC). SSC status is assigned to species that have limited distribution, declining populations, diminishing habitat, or unusual scientific, recreational, or educational value. Under state law, the California Department of Fish and Wildlife (CDFW) has the authority to review projects for their potential to impact special-status species and their habitats.

The Migratory Bird Treaty Act (MBTA) of 1918 protects all migratory birds, including their eggs, nests, and feathers, and was originally drafted to put an end to the commercial trade in bird feathers, popular in the latter part of the 1800s. The MBTA is enforced by the USFWS, and potential impacts to species protected under the MBTA are evaluated by the USFWS in consultation with other federal agencies and are required to be evaluated under CEQA.

Existing Conditions

A reconnaissance-level field survey of the project area was conducted on November 8, 2023, to identify the existing conditions of the project area and evaluate the potential for special-status plant and animal species to occur in the project area. The project site predominantly consists of an existing paved roadway that experiences frequent vehicle disturbance. Undeveloped areas within the project area are limited to previously disturbed road shoulders. Table 4 identifies the conditions that were observed during the reconnaissance-level field survey.

Table 4. Habitat Areas within the Project Area

Roadway	Location	Habitat Conditions
San Miguel Canyon Road	Northeast shoulder	Highly disturbed ruderal habitat primarily composed of weeds, dead annual grasses, and bare dirt. Two driveways lined with ornamental trees and shrubs occur at north and south ends of project area.
San Miguel Canyon Road	Northwest shoulder	Disturbed ruderal habitat along roadside with arroyo willow (*Salix lasiolepis)* shrubland set approximately 20 feet from shoulder. Annual grasses and non-native weeds dominate ruderal areas. Arroyo willow, coast live oak (*Quercus agrifolia*), and poison oak (*Toxicodendron diversilobum*) dominate shrubland. Evidence of riparian hydrology and vegetation is apparent in lower elevations further into shrubland area.
San Miguel Canyon Road	Southwest shoulder	Highly disturbed ruderal habitat in turnout located southwest of intersection with poison oak shrubland on steeper slope to west. Shrubland habitat is dominated by poison oak and California blackberry (*Rubus ursinus*). Three coast live oak occur near stop sign and utility pole. Removal of these trees is anticipated for work on roundabout and access road.
Castroville Boulevard	North shoulder	Ruderal habitat dominated by weeds and annual grasses along shoulder and adjacent to intersection. Arroyo willow shrubland dominated by arroyo willow and poison oak with potential ephemeral riparian habitat farther back from road. One coast live oak occurs adjacent to road in western portion of project area and may require removal for installation of access road.
Castroville Boulevard	South shoulder	Shrubland dominated by California blackberry and annual grasses composes understory of coast live oak woodland farther up slope. Monterey pine (*Pinus radiata*) and coast live oak saplings occur throughout the project area.

As shown in Table 4, the project area consists of a developed roadway and otherwise disturbed areas. There are limited natural habitat areas in the project area.

Special-Status Species

Based on a nine-quadrant query of the CDFW California Natural Diversity Database (CNDDB), the special-status species discussed below have been previously documented in the project vicinity (CDFW 2023; Appendix B).

Special-Status Plants

The following 10 special-status plant species have been previously documented in the project vicinity (CDFW 2023; CNPS 2023; see Appendix B):

- Monterey spineflower (*Chorizanthe pungens* var. *pungens*) is a California Rare Plant Rank (CRPR) 1B.2 species that typically occurs in chaparral, cismontane woodland, coastal dunes, coastal scrub, and valley and foothill grassland habitats. The nearest recorded occurrence (CNDDB Occ. 7) is approximately 0.3 mile southwest of the project area.

- Robust spineflower (*Chorizanthe robusta* var. *robusta*) is a CRPR 1B.1 species that typically occurs in chaparral, cismontane woodland, coastal bluff scrub, and coastal dunes habitats. The nearest recorded occurrence (CNDDB Occ. 33) is approximately 9 miles northwest of the project area.
- Seaside bird's-beak (*Cordylanthus rigidus* ssp. *littoralis*) is a CRPR 1B.1 species that typically occurs in chapparal, cismontane woodland, closed-cone coniferous forest, coastal dune, and coastal scrub habitats. The nearest recorded occurrence (CNDDB Occ. 8) is approximately 4.3 miles northwest of the project area.
- Menzies' wallflower (*Erysimum menziesii*) is a CRPR 1B.1 species that typically occurs in coastal dune habitat. The nearest recorded occurrence (CNDDB Occ. 16) is approximately 8.3 miles southwest of the project area.
- Monterey gilia (*Gilia tenuiflora* ssp. *arenaria*) is a CRPR 1B.2 species that typically occurs in chaparral, cismontane woodland, coastal dune, and coastal scrub habitats. The nearest recorded occurrence (CNDDB Occ. 30) is approximately 6.4 miles southwest of the project area.
- Santa Cruz tarplant (*Holocarpha macradenia*) is a CRPR 1B.1 species that typically occurs in coastal prairie, coastal scrub, and valley and foothill grassland habitats. The nearest recorded occurrence (CNDDB Occ. 19) is approximately 5.6 miles northwest of the project area.
- Contra Costa goldfields (*Lasthenia conjugens*) is a CRPR 1B.1 that typically occurs in alkali playa, cismontane woodland, valley and foothill grassland, vernal pool, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 31) is approximately 12 miles southwest of the project area.
- Dudley's lousewort (*Pedicularis dudleyi*) is a CRPR 1B.2 species that typically occurs in chaparral, cismontane woodland, north coast coniferous forest, redwood, and valley and foothill grassland habitats. The nearest recorded occurrence (CNDDB Occ. 6) is approximately 15.8 miles northwest of the project area.
- Yadon's rein orchid (*Piperia yadonii*) is a CRPR 1B.1 species that typically occurs in chaparral, closed-cone coniferous forest, and coastal bluff scrub habitats. The nearest recorded occurrence (CNDDB Occ. 11) is approximately 0.3 mile southwest of the project area.
- San Francisco popcorn flower (*Plagiobothrys diffusus*) is a CRPR 1B.1 species that typically occurs in coastal prairie and valley and foothill grassland habitats. The nearest recorded occurrence (CNDDB Occ. 16) is approximately 5.4 miles northeast of the project area.

No special-status plant species were observed during the reconnaissance-level field survey conducted on November 8, 2023, and none are expected to occur in the project area due to the absence of suitable habitat conditions.

Special-Status Animals

The following 17 special-status animal species have been previously documented in the project vicinity (CDFW 2023):

- California tiger salamander – Central California Distinct Population Segment (DPS) (*Ambystoma californiense* pop. 1) is a federally and state threatened species that typically occurs in cismontane woodland, meadow and seep, riparian woodland, valley and foothill grassland, vernal pool, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 752) is approximately 1.8 miles south of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable habitat for this species.

- Santa Cruz long-toed salamander (*Ambystoma macrodactylum croceum*) is a federally and state endangered species that typically occurs in freshwater marsh, swamp, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 1) is approximately 2.9 miles southwest of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable habitat for this species.
- Foothill yellow-legged frog – Central Coast DPS (*Rana boylii* pop. 4) is a federally threatened and state endangered species that typically occurs in aquatic, riparian forest, riparian scrub, riparian woodland, and flowing water habitats. The nearest recorded occurrence (CNDDB Occ. 123) is approximately 10.7 miles northwest of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable habitat for this species. However, the project area consists of previous development and experiences frequent human and vehicle disturbance, which limits the suitability of dispersal habitat for this species.
- California red-legged frog (*Rana draytonii*) is a federally threatened species that typically occurs in aquatic, artificial standing water, marsh, riparian forest, riparian scrub, riparian woodland, and flowing water habitats. The nearest recorded occurrence (CNDDB Occ. 929) is approximately 1.6 miles southwest of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable habitat for this species. However, the project area consists of previous development and experiences frequent human and vehicle disturbance, which limits the suitability of dispersal habitat for this species.
- Crotch's bumble bee (*Bombus crotchii*) is a state candidate endangered species that typically occurs in grassland and scrub habitats. The nearest recorded occurrence (CNDDB Occ. 437) is approximately 9.3 miles northwest of the project area. There are annual grasses and shrubland located in the project area that may provide marginally suitable habitat for Crotch's bumble bee.
- Western bumble bee (*Bombus occidentalis*) is a state candidate endangered species that typically occurs in grassland and scrub habitats. The nearest recorded occurrence (CNDDB Occ. 306) is approximately 9.3 miles northwest of the project area. There are annual grasses and shrubland located in the project area that may provide marginally suitable habitat for western bumble bee.
- Tricolored blackbird (*Agelaius tricolor*) is a state threatened species that typically occurs in freshwater marsh, marsh, swamp, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 853) is approximately 1.9 miles west of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable nesting habitat for this species.
- Western snowy plover (*Charadrius nivosus nivosus*) is a federally threatened species that typically occurs in Great Basin standing waters, sand shore, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 57) is approximately 5.8 miles west of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable nesting habitat for this species.
- California Ridgway's rail (*Rallus obsoletus obsoletus*) is a federally and state endangered species that typically occurs in brackish marsh, swamp, salt marsh, and wetland habitats. The nearest recorded occurrence (CNDDB Occ. 53) is approximately 3.2 miles west of the project area. The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable nesting habitat for this species.
- Bank swallow (*Riparia riparia*) is a state threatened species that typically occurs in riparian scrub and riparian woodland habitats. The nearest recorded occurrence (CNDDB Occ. 160) is

approximately 5.3 miles west of the project area. The project area supports a limited amount of riparian habitat that could provide potentially suitable nesting habitat for this species.

- Least Bell's vireo (*Vireo bellii pusillus*) is a federally and state endangered species that typically occurs in riparian forest, riparian scrub, and riparian woodland habitats. The nearest recorded occurrence (CNDDB Occ. 503) is approximately 2.9 miles northeast of the project area. The project area supports a limited amount of riparian habitat that could provide potentially suitable nesting habitat for this species.
- Monarch butterfly – California overwintering population (*Danaus plexippus plexippus* pop. 1) is a federal candidate species that typically overwinters in closed cone coniferous forest habitats. The nearest recorded occurrence (CNDDB Occ. 95) is approximately 5.3 miles west of the project area. The project area does not support coniferous forest habitat that could provide suitable overwintering habitat for this species.
- Smith's blue butterfly (*Euphilotes enoptes smithi*) is a federally endangered species that typically occurs in coastal dune and coastal scrub habitats. The nearest recorded occurrence (CNDDB Occ. 16) is approximately 8.9 miles southwest of the project area. The project area does not support coniferous forest habitat that could provide suitable overwintering habitat for this species.
- Tidewater goby (*Eucyclogobius newberryi*) is a federally endangered species that typically occurs in flowing water habitat. The nearest recorded occurrence (CNDDB Occ. 35) is approximately 5.3 miles west of the project area. The project area does not support aquatic habitat that could provide suitable habitat for this species.
- Steelhead – Central California Coast DPS (*Oncorhynchus mykiss irideus* pop. 8) is a federally threatened species that typically occurs in flowing water habitats. The nearest recorded occurrence (CNDDB Occ. 14) is approximately 16.2 miles northwest of the project area. The project area does not support aquatic habitat that could provide suitable habitat for this species.
- Steelhead – South-Central California Coast DPS (*Oncorhynchus mykiss irideus* pop. 9) is a federally threatened species that typically occurs in flowing water habitats. The nearest recorded occurrence (CNDDB Occ. 41) is approximately 17.5 miles northeast of the project area. The project area does not support aquatic habitat that could provide suitable habitat for this species.
- Longfin smelt (*Spirinchus thaleichthys*) is a federal candidate species that typically occurs in flowing water habitats. The nearest recorded occurrence (CNDDB Occ. 18) is approximately 5.3 miles west of the project area. The project area does not support aquatic habitat that could provide suitable habitat for this species.

No special-status animal species were observed during the reconnaissance-level field survey conducted on November 8, 2023. As described above, there may be potentially suitable habitat for California tiger salamander – Central California DPS, Santa Cruz long-toed salamander, foothill yellow-legged frog, California red-legged frog, Crotch's bumble bee, and riparian and nesting bird species.

Environmental Evaluation

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Special-Status Plants

The project includes ground-disturbing activities for proposed roadway improvements, which would have the potential to result in direct removal of special-status plant species if present within the proposed area of disturbance during construction. No special-status plant species were observed during the reconnaissance-level field survey conducted on November 8, 2023. Further, the proposed area of disturbance consists of a developed roadway and otherwise disturbed areas that experience frequent human and vehicle disturbance, which limits the availability of natural areas that could provide suitable habitat for special-status plant species. Based on the absence of special-status plants and the developed nature of the project area, special-status plant species are not expected to occur within the proposed area of disturbance due to the absence of suitable habitat conditions; therefore, the project would not adversely affect special-status plant species, and impacts would be *less than significant*.

Special-Status Animals

Proposed construction activities have the potential to result in direct (i.e., take) or indirect (i.e., noise, dust, light pollution) disturbance to special-status animal species if present within the project area during project construction. As described above, the project area may provide potentially suitable habitat for California tiger salamander – Central California DPS, Santa Cruz long-toed salamander, foothill yellow-legged frog, California red-legged frog, Crotch's bumble bee, and riparian and nesting bird species. Potential impacts to special-status animal species are evaluated in detail, below.

Special-Status Amphibians

The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable habitat for California tiger salamander – Central California DPS, Santa Cruz long-toed salamander, foothill yellow-legged frog, and California red-legged frog. However, the extent of mapped wetland and riparian habitat within the project area is limited to areas located along the roadway shoulders and other areas located immediately adjacent to the existing roadway, which ultimately reduces the suitability of habitat for special-status amphibian species. Further, the project area consists of previously developed roadways and residences that experience frequent human and vehicle disturbance, which ultimately limits the suitability of dispersal habitat within the project area. MM BIO-1 has been identified to further reduce potential impacts to special-status amphibian species through the implementation of wildlife exclusion fencing to separate the project site from mapped wetland and riparian habitat areas if construction activities would occur during the wet season (November–April). Based on the limited amount of potentially suitable habitat areas and implementation of MM BIO-1, special-status amphibian species are not expected to occur within the project area; therefore, impacts would be *less than significant with mitigation*.

Special-Status Invertebrates

There are annual grasses and shrubland located in the project area that may provide marginally suitable habitat for Crotch's bumble bee and western bumble bee. The annual grasses and shrubland habitat within the project area have been previously disturbed and are limited to areas located along the roadway shoulders and other areas located immediately adjacent to the existing roadway, which ultimately reduces the suitability of nesting habitat for Crotch's bumble bee and western bumble bee. There is some potential for individuals of this species to be feeding on flowering plants within the grassland habitat during proposed construction activities. However, due to the mobility of this species, vegetation removal and other construction activities would not result in disturbance to individuals that may periodically fly through the project site. Therefore, the project would not adversely affect special-status insects, and impacts would be *less than significant*.

Special-Status and Migratory Birds

The project area supports a limited amount of mapped wetland and riparian habitat that could provide potentially suitable nesting habitat for special-status riparian bird species and also supports scattered native and ornamental trees that could provide nesting habitat for migratory bird species. The project would require the removal of 72 trees within the project area to implement proposed roadway improvements. MM BIO-2 has been identified to reduce potential impacts to nesting birds through preconstruction survey requirements and implementation of avoidance buffers if special-status or migratory birds are found nesting in trees within the project area. Based on implementation of MM BIO-2, the project would not adversely affect special-status or migratory bird species; therefore, impacts would be *less than significant with mitigation*.

Conclusion

Based on the analysis provided above, potential impacts associated with substantial adverse effects on special-status species or their habitats would be *less than significant with mitigation*.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

The project site supports annual grasses, ruderal vegetation, and scattered native and ornamental trees. There is riparian vegetation located within the project area; however, proposed ground-disturbing activities would not extend into the riparian habitat areas. The project site does not support other sensitive natural communities. Therefore, the project would not result in a substantial adverse effect on any riparian habitat or other sensitive natural community, and *no impacts* would occur.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

According to the USFWS NWI Surface Waters and Wetlands Mapper, there is a mapped freshwater emergent wetland located approximately 25 feet east of San Miguel Canyon Road at the southeastern edge of the proposed project area (USFWS 2024). However, proposed ground-disturbing activities would not extend into the mapped wetland area. Further, the project would disturb more than 1 acre of soils and

would be required to comply with State Water Resources Board (SWRCB) General Construction Permit requirements, which require the preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) with best management practices (BMPs) to reduce erosive runoff during construction. In addition, the project would be required to comply with the Chapter 16.14 (Urban Stormwater Quality Management and Discharge Control) of the County Municipal Code (County Stormwater Ordinance), which identifies regulations to ensure compliance with the federal Clean Water Act (CWA) and Porter-Cologne Water Quality Control Act (Porter-Cologne Act). Based on required compliance with SWRCB and County requirements, the project would not result in a substantial adverse effect on a federally or state-protected wetland, and impacts would be *less than significant*.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

The project site and surrounding area consists of existing development, including roadways, residences, and other features, which reduces terrestrial habitat connectivity within the area. There are no waterways within the project area that could provide migratory fish or breeding habitat. Since the project area does not provide terrestrial or aquatic habitat connectivity, the project would preclude use of the project site as a terrestrial or aquatic wildlife corridor. The project would require the removal of 72 trees from the project area, including 27 oak trees, 42 willow trees, two eucalyptus trees, and one pine tree; however, trees located outside of the project area would remain in place. Therefore, proposed tree removal would not interfere substantially with the movement of migratory species, and *no impacts* would occur.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Protected trees within Monterey County are regulated by the County Zoning Ordinance (Title 21, Chapter 21.64.260 – Preservation of Oak and Other Protected Trees [tree ordinance]). The tree ordinance protects native trees 6 inches or more in diameter 2 feet above ground level. The project would require the removal of 72 trees from the project area, including 27 oak trees, 42 willow trees, two eucalyptus trees, and one pine tree. Based on conditions observed during the reconnaissance-level field survey, the oak trees proposed for removal have a diameter at breast height (dbh) greater than 6 inches. According to Section 21.64.260 F.2 of the County's Tree Ordinance, removal of protected trees by public agencies within the public ROW is exempt from the requirements of the County's Tree Ordinance. However, the removal of protected trees outside of the public ROW would be subject to the requirements of the County's Tree Ordinance. Proposed tree removal would be conducted in accordance with Section 21.64.260 of the County's Tree Ordinance. Based on required compliance with the County's Tree Ordinance, the project would not conflict with the tree ordinance, and impacts would be *less than significant*.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The project area does not overlap with any adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other conservation plans. Therefore, the project would not conflict with any approved local, regional, or state habitat conservation plans, and *no impacts* would occur.

Conclusion

MM BIO-1 and MM BIO-2 have been included to avoid and/or minimize potential impacts related to biological resources. Therefore, with implementation of MM BIO-1 and MM BIO-2 potential impacts related to biological resources would be less than significant.

Mitigation Measures

MM BIO-1 **Wildlife Exclusion Fencing.** For any construction activities that occur during the wet season (November–April), the construction contractor shall install temporary wildlife exclusion fencing approved by the County of Monterey (County) along the northbound lane of San Miguel Canyon Road, entirely within the County right-of-way, to separate the project site from potential wetland and riparian habitat mapped to the southeast of the project site and prevent special-status amphibian species from entering the project site during construction activities.

MM BIO-2 **Nesting Birds.** Prior to initiation of any site preparation/construction activities, if work is planned to occur between February 1 and September 15, a qualified biologist shall survey the area for nesting birds within 1 week prior to initial project activity beginning, including ground disturbance and/or vegetation removal/trimming. If nesting birds are located on or near the proposed project site, they shall be avoided until they have successfully fledged, or the nest is no longer deemed active, as detailed below:

1. A 50-foot exclusion zone shall be implemented for non-listed, passerine species, and a 250-foot exclusion zone will be implemented for raptor species. Each exclusion zone shall encircle the nest and have a radius of 50 feet (non-listed passerine species) or 250 feet (raptor species). All project activities, including foot and vehicle traffic and storage of supplies and equipment, are prohibited inside exclusion zones. Exclusion zones shall be maintained until all exterior construction activities have been terminated for the current phase of work (e.g., if initial site improvements are completed, exclusion zones may be removed until initiation of site preparation for residence construction begins), or it has been determined by a qualified biologist that the young have fledged or that proposed project activities would not cause adverse impacts to the nest, adults, eggs, or young.

2. If special-status avian species are identified and nesting within the work area, no work will begin until an appropriate exclusion zone is determined in consultation with the County of Monterey and any relevant resource agencies.

The results of the survey shall be provided to the County of Monterey prior to initiation of site preparation/construction activities. The results shall detail appropriate fencing or flagging of exclusion zones and include recommendations for additional monitoring requirements. A map of the project site and nest locations shall be included with the results. The qualified biologist conducting the nesting survey shall have the authority to reduce or increase the recommended exclusion zone depending on site conditions and species (if non-listed).

V. Cultural Resources

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	☐	☐	☐	☒
(b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	☐	☒	☐	☐
(c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☒	☐

Setting

PRC Section 5024.1 requires that any properties that can be expected to be directly or indirectly affected by a proposed project be evaluated for California Register of Historical Resources (CRHR) eligibility. The purpose of the CRHR is to maintain listings of the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from material impairment and substantial adverse change.

As defined by CEQA, a historical resource includes:

- A resource listed in or determined to be eligible for listing in the CRHR.
- Any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant. The architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural records of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence.

Resources are evaluated for eligibility for the CRHR under the following four criteria:

- **Criterion 1:** The resource is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
- **Criterion 2:** The resource is associated with the lives of persons important in our past;
- **Criterion 3:** The resource embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; and
- **Criterion 4:** The resource has yielded, or may be likely to yield, information important in prehistory or history.

A Cultural Resources Survey Report (CRSR) was prepared for the proposed project to determine the presence and the likelihood of presence of cultural resources within the project area (SWCA Environmental Consultants [SWCA] 2024). The CRSR includes the results and findings of background review and a pedestrian survey of the project area. A California Historical Resources Information System (CHRIS) records search was conducted at the Northwest Information Center (NWIC) at Sonoma State

University to identify any previously recorded cultural resources within the project area. The records search (NWIC File No.: 23-0541) revealed that there are eight previously conducted cultural resources studies within a 0.25-mile radius of the project area, two of which overlap the project area. The records search revealed that no previously documented archaeological resources are located within a 0.25-mile radius of the project area. In addition, SWCA contacted the California Native American Heritage Commission (NAHC) to request a search of their Sacred Lands File (SLF), which was negative for previously recorded resources. The pedestrian field survey was conducted within the project area on November 1, 2023 (SWCA 2024).

Environmental Evaluation

a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?

The project site consists of an existing intersection located at Castroville Boulevard and San Miguel Canyon Road. Based on the records search conducted for the proposed project, no previously documented historical resources are located within a 0.25-mile radius of the project area (SWCA 2024); therefore, the project would not cause an adverse change in the significance of a historical resource, and *no impact* would occur.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?

The proposed project would require ground-disturbing activities over the approximately 1.3-acre project site. Based on a records search conducted at the NWIC (NWIC File No.: 23-0541), no previously documented archaeological resources are located within a 0.25-mile radius of the project area and no archaeological resources or evidence of archaeological resources was observed during the pedestrian field survey (SWCA 2024). Based on the negative results of the records search and field survey, there is low potential for archaeological resources to be present within the project area. Further, the project area is characterized by previously developed roadways, residential development, and otherwise disturbed areas, which further reduces the potential for previously unidentified intact archaeological resources to be present within the project area. Further, MM CR-1 has been included in the unlikely event that previously unidentified cultural resources are uncovered during proposed ground-disturbing activities. Based on the low potential to uncover archaeological resources within the project area and implementation of MM CR-1, the project would not result in adverse impacts to known or unknown cultural resources, and impacts would be *less than significant with mitigation*.

c) Would the project disturb any human remains, including those interred outside of dedicated cemeteries?

There are no known human remains or cemeteries located within or in the immediate vicinity of the project site and the project area is considered to have low sensitivity for the presence of unidentified human resources (SWCA 2024). The project would be required to comply with California Health and Safety Code Section 7050.5, which outlines the protocol for unanticipated discovery of human remains. Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to PRC Section 5097.98. The County Coroner must be notified of the find immediately. If the human remains are determined to be prehistoric, the coroner will notify the NAHC, which will determine and notify a Most Likely Descendant (MLD). The MLD shall complete the inspection of the project site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American

burials. Based on required compliance with California Health and Safety Code Section 7050.5, impacts related to disturbance of human remains would be *less than significant.*

Conclusion

There are no historic resources located within the project area. With implementation of MM CR-1 and required compliance with California Health and Safety Code 7050.5, the proposed project would not adversely affect archaeological resources or human remains, and impacts related to cultural resources would be less than significant.

Mitigation Measures

MM CR-1 In the event that cultural resources are encountered during project activities, all ground-disturbing activities within a 25-foot radius of the find shall cease and the County of Monterey shall be notified immediately. Work shall not continue until a qualified archaeologist assesses the find and determines the need for further study. If the find includes Native American-affiliated materials, a local Native American tribal representative will be contacted to work in conjunction with the approved archaeologist to determine the need for further study. A standard inadvertent discovery clause shall be included in every grading and construction contract to inform contractors of this requirement.

VI. Energy

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
(b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Setting

Pacific Gas and Electric Company (PG&E) is the primary energy provider in the project area. The 2022 PG&E electric power mix consists of 38% renewable energy sources and 57% greenhouse gas (GHG)-free energy sources (PG&E 2022).

VEHICLE FUEL ECONOMY STANDARDS

In October 2012, the USEPA and National Highway Traffic Safety Administration (NHSTA), on behalf of the U.S. Department of Transportation (USDOT), issued final rules to further reduce GHG emissions and improve corporate average fuel economy (I) standards for light-duty vehicles for model years 2017 and beyond. The NHTSA's I standards have been enacted under the Energy Policy and Conservation Act since 1978. This national program requires automobile manufacturers to build a single light-duty national fleet that meets all requirements under both federal programs and the standards of California and other

states. This program would increase fuel economy to the equivalent of 54.5 miles per gallon (mpg), limiting vehicle emissions to 163 grams of carbon dioxide (CO_2) per mile for the fleet of cars and light-duty trucks by the model year 2025.

In January 2017, USEPA Administrator Gina McCarthy signed a Final Determination to maintain the current GHG emissions standards for the model years 2022 through 2025 vehicles. However, on March 15, 2017, USEPA Administrator Scott Pruitt and USDOT Secretary Elaine Chao announced that the USEPA intends to reconsider the Final Determination. On April 2, 2018, USEPA Administrator Pruitt officially withdrew the January 2017 Final Determination, citing information that suggests that these current standards may be too stringent due to changes in key assumptions since the January 2017 Determination. According to the USEPA, these key assumptions include gasoline prices and overly optimistic consumer acceptance of advanced technology vehicles. The April 2, 2018, notice is not USEPA's final agency action, and the USEPA intends to initiate rulemaking to adopt new standards. Until that rulemaking has been completed, the current standards remain in effect.

As part California's overall approach to reducing pollution from all vehicles, the CARB has established standards for clean gasoline and diesel fuels and fuel economies of new vehicles. The CARB has also put in place innovative programs to drive the development of low-carbon, renewable, and alternative fuels, such as their Low Carbon Fuel Standard (LCFS) Program pursuant to California Assembly Bill (AB) 32 and the Governor's Executive Order S-01-07.

In January 2012, the CARB approved the Advanced Clean Cars Program, which combines the control of GHG emissions and criteria air pollutants, as well as requirements for greater numbers of zero-emission vehicles, into a single package of standards for vehicle model years 2017 through 2025. The new rules strengthen the GHG standard for 2017 models and beyond. This would be achieved through existing technologies, the use of stronger and lighter materials, and more efficient drivetrains and engines. The program's zero-emission vehicle regulation requires battery, fuel cell, and/or plug-in hybrid electric vehicles to account for up to 15% of California's new vehicle sales by 2025. The program also includes a clean fuels outlet regulation designed to support the commercialization of zero-emission hydrogen fuel cell vehicles planned by vehicle manufacturers by 2015 by requiring increased numbers of hydrogen fueling stations throughout the state. The number of stations would grow as vehicle manufacturers sell more fuel cell vehicles. By 2025, when the rules would be fully implemented, the statewide fleet of new cars and light trucks would emit 34% fewer global warming gases and 75% fewer smog-forming emissions than the statewide fleet in 2016 (CARB 2022).

All self-propelled off-road diesel vehicles 25 horsepower or greater used in California and most two-engine vehicles (except on-road two-engine sweepers) are subject to the CARB's Regulation for In-Use Off-Road Diesel Fueled Fleets (Off-Road regulation). This includes vehicles that are rented or leased (rental or leased fleets). The overall purpose of the Off-Road regulation is to reduce emissions of NO_X and particulate matter from off-road diesel vehicles operating within California through the implementation of standards, including, but not limited to, limits on idling, reporting and labeling of off-road vehicles, limitations on use of old engines, and performance requirements.

Environmental Evaluation

a) Would the project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

During construction, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment. The energy consumed during construction would be temporary in nature and typical of other

similar construction activities in the county. Federal and state regulations in place require the use of fuel-efficient equipment and vehicles and require wasteful activities, such as diesel idling, to be limited. Construction contractors, in an effort to ensure cost efficiency, would not be expected to engage in wasteful or unnecessary energy and fuel practices. Energy consumption during construction would not conflict with a state or local plan for renewable energy and would not be wasteful, unnecessary, or inefficient; therefore, would be *less than significant*.

Following construction, the project would operate as an existing roadway and would not require significant use of energy resources, such as electricity and natural gas. Long-term electricity use would be limited to the operation of new streetlights. Electricity would be provided by PG&E, which consists of 38% renewable energy sources and 57% GHG-free energy sources (PG&E 2022). By using electricity and natural gas from PG&E, the project would reduce the long-term use of non-renewable energy resources. The project would be limited to the operation of an existing intersection and would not include the establishment of new land uses or activities that could generate an increase in vehicle trips to and from the project site and would not otherwise increase the use of fossil fuels. Based on the nature of the proposed project, the project would not cause a substantial increase in energy use; therefore, operational impacts would be *less than significant*.

b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

The *2010 Monterey County General Plan Conservation/Open Space Element* identifies goals and policies to promote efficient energy use, including increasing use of renewable energy resources, directing new development toward existing urbanized areas, and increasing access to alternative forms of transportation (County of Monterey 2010). As previously identified, the project would operate as a roadway and would not require significant use of energy resources, such as electricity and natural gas, which would be consistent with the County's goal to promote efficient energy use. Therefore, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and impacts would be *less than significant*.

Conclusion

The project would not result in excessive energy use during construction or operation and would be consistent with applicable energy efficiency plans; therefore, impacts related to energy would be less than significant.

Mitigation Measures

Mitigation is not necessary.

VII. Geology and Soils

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				

	Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(i)	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
(ii)	Strong seismic ground shaking?	☐	☐	☒	☐
(iii)	Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
(iv)	Landslides?	☐	☐	☒	☐
(b)	Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
(c)	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
(d)	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
(e)	Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
(f)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

Setting

Ground shaking refers to the motion that occurs in response to regional and local earthquakes. Seismic ground shaking is influenced by the proximity of the project site to an earthquake fault, the intensity of the seismic event, and the underlying soil composition. Ground shaking can endanger life and safety due to damage or collapse of structures or lifeline facilities. Liquefaction is the sudden loss of soil strength due to a rapid increase in soil pore water pressure resulting from ground shaking during an earthquake. Landslides and slope instability can occur as a result of wet weather, weak soils, improper grading, improper drainage, steep slopes, adverse geologic structure, earthquakes, or a combination of these factors.

Monterey County is located in a seismically active region. According to the CDOC Fault Activity Map of California, the nearest fault is the Vergeles Fault, a late quaternary fault located approximately 3 miles northeast of the project site. In addition, the San Andreas Fault, an active fault, is located approximately 7.7 miles northeast of the project site (CDOC 2015).

Highly erodible soils are those that are easily carried by water and, to a lesser extent, by wind. Surface erosion is more commonly visible, but subsurface erosion can lead to damage to pipes, roads, foundations, and other structural elements. Expansive soils are largely comprised of clays, which expand in volume when water is absorbed and shrink as the soil dries. Expansion is measured by shrink-swell

potential, which is the volume change in soil with a gain in moisture. If the shrink-swell potential is rated moderate to high, then damage to buildings, roads, structural foundations, and pipes can occur. Expansive clay problems can be surmounted by appropriate engineering design and construction techniques. Typically, soils with high shrink-swell potential are comprised of clay and clay materials. According to NRCS, the project site is underlain by loamy sand and loamy fine sand, which are primarily comprised of sand and loam components; therefore, the project site is located in an area with low potential for expansion.

According to the U.S. Geological Survey (USGS), the project site is primarily underlain by alluvial pebble, gravel, sand, and clay of valley areas from the Holocene era (Qa) with components of Aromas sand from the late Pleistocene era (Qar) (USGS 2006). Qa is typically too young to contain paleontological resources of significance; however, due to the age of Qar, there is potential for paleontological resources to be present within the bedrock.

Environmental Evaluation

a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

a-i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

According to the Geologic Hazards Map for Monterey County, the only Alquist-Priolo Fault Zone in Monterey County is the San Andreas Fault, located approximately 7.7 miles northeast of the project site (CDOC 2015). Because the project site would not be underlain by an Alquist-Priolo Fault, the project would not result in risk of loss, injury, or death involving rupture of an Alquist-Priolo Fault Zone, and *no impacts* would occur.

a-ii) Strong seismic ground shaking?

a-iii) Seismic-related ground failure, including liquefaction?

a-iv) Landslides?

Monterey County is located in a seismically active region; therefore, there is potential for ground shaking to occur. The nearest fault is the Vergeles Fault, a late quaternary fault located approximately 3 miles northeast of the project site. In addition, the San Andreas Fault, an active fault, is located approximately 7.7 miles northeast of the project site (CDOC 2015). According to the Geologic Hazards Map for Monterey County, the project site is located in an area with a low risk of landslide and low and high risks of liquefaction. The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements along an existing roadway and does not include the construction of new buildings or other structures that could result in the risk of loss, injury, or death involving seismic-related hazards. In addition, proposed roadway repairs would be required to be designed in accordance with the County's Roadway Design Standards and other applicable local and state engineering standards to avoid or minimize risk of loss, injury, or death as a result of seismic activity and related ground failure. Based on required compliance with applicable roadway design standards, the project would not result in the risk of loss, injury, or death as a result of seismic-related risk; therefore, impacts would be *less than significant*.

b) Would the project result in substantial soil erosion or the loss of topsoil?

Construction of the proposed project would result in approximately 3.16 acres of site disturbance. Proposed ground-disturbing activities have the potential to increase erosion at the project site, which could run off into surrounding areas. The project would disturb more than 1 acre of soils and would be required to comply with SWRCB General Construction Permit requirements, which require the preparation and implementation of a SWPPP with BMPs to reduce erosive runoff during construction. Following project construction, the project site would continue to be covered in hardscapes, which would reduce the long-term potential for erosion at the project site. Based on required compliance with SWRCB requirements, the project would not result in substantial erosion or loss of topsoil; therefore, impacts would be *less than significant*.

c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

As previously described, the project site is located in an area with low potential for landslide and liquefaction to occur. Additionally, the project site is not located in an area with known land subsidence (USGS 2023a). The project would be limited to the construction of a roundabout and associated roadway improvements along an existing roadway and does not include the construction of new buildings or other structures that could result in the risk involving ground-failure. In addition, the project would be designed in accordance with the County's Roadway Design Standards and other applicable state and local engineering practices to avoid or minimize risk as a result of potential ground-failure events. Based on required compliance with applicable roadway design standards, the project would not result in risk related to potential ground failure events; therefore, impacts would be *less than significant*.

d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Typically, expansive soils are comprised of clay. According to the NRCS, soils at the project site are primarily comprised of sand and loam components, which have a low potential for expansion (NRCS 2023). Further, the project would be designed in accordance with the County's Roadway Design Standards and other applicable state and local engineering practices to avoid or minimize risk as a result of potential ground-failure events, including expansion. Based on existing site conditions and required compliance with the applicable Roadway Design Standards, the project would not result in risk to life or property as a result of development on expansive soils; therefore, impacts would be *less than significant.*

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

The project does not include the installation of septic tanks or alternative wastewater disposal systems; therefore, *no impacts* would occur.

f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

According to the USGS, the project site is primarily underlain by Qa with components of Qar (USGS 2006). Qa is typically too young to contain paleontological resources of significance; however, due to the age of Qar, there is potential for paleontological resources to be present within the bedrock. The project site primarily consists of previously developed areas; therefore, there is low potential for intact paleontological resources to be present within the proposed area of disturbance. Construction activities are anticipated to be within the existing developed prism of the road and are not expected to disturb the underlying bedrock. Based on the limited excavation activity, the project would not disturb paleontological resources; therefore, impacts would be *less than significant*.

Conclusion

Proposed roadway repairs would be required to be designed and constructed according to the County's Roadway Design Standards and other state and local standards, which would reduce the potential for risk of loss, injury, or death as a result of seismic or other geologic stresses. Based on required compliance with SWRCB requirements, the project would not result in impacts related to substantial erosion. The project does not include the installation of septic tanks or alternative wastewater disposal systems. In addition, based on the limited excavation activity, the project would not disturb paleontological resources. Therefore, impacts related to geology and soils would be less than significant.

Mitigation Measures

Mitigation is not necessary.

VIII. Greenhouse Gas Emissions

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
(b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☐	☒

Setting

GHGs are any gases that absorb infrared radiation in the atmosphere and are different from the criteria pollutants discussed in Section III, *Air Quality*. The primary GHGs that are emitted into the atmosphere as a result of human activities are CO_2, methane (CH_4), nitrous oxide (N_2O), and fluorinated gases.

CALIFORNIA GLOBAL WARMING SOLUTIONS ACT

Under the California Global Warming Solutions Act, also known as AB 32, the CARB established a statewide GHG emissions cap for 2020, adopted mandatory reporting cards for significant sources of

GHG, and adopted a comprehensive plan, known as the Climate Change Scoping Plan, identifying how emission reductions would be achieved from significant GHG sources.

In 2016 Senate Bill (SB) 32 was signed into law, amending the California Global Warming Solutions Act. SB 32, and accompanying Executive Order B-30-15, requires the CARB to ensure that statewide GHG emissions are reduced to 40% below the 1990 level by 2030. The CARB updated its Climate Change Scoping Plan in December 2017 to express the 2030 statewide target in terms of million metric tons of CO_2 equivalent ($MMTCO_2e$). Based on the emissions reductions directed by SB 32, the annual 2030 statewide target emissions level for California is 260 $MMTOCO_2e$.

SUSTAINABLE COMMUNITIES STRATEGY AND CLIMATE PROTECTION ACT

The Sustainable Communities Strategy and Climate Protection Act (SB 375) was signed into law in September 2008. SB 375 builds upon AB 32 by requiring the CARB to develop regional GHG reduction targets for automobile and light truck sectors for 2020 and 2035, as compared to 2005 emissions levels. Regional metropolitan planning organizations (MPOs) are responsible for preparing a Sustainable Communities Strategy (SCS) with their Regional Transportation Plans (RTPs).

MONTEREY BAY 2040 METROPOLITAN TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY

The Association of Monterey Bay Area Governments (AMBAG) is the federally designated MPO for the three-county, 18-city Monterey Bay metropolitan region and is the transportation planning agency responsible for developing and implementing the long-range metropolitan transportation plan, known as the *2040 Metropolitan Transportation Plan / Sustainable Communities Strategy* (AMBAG MTP/SCS; AMBAG 2018). The AMBAG MTP/SCS combines the RTP contributions from three different county transportation planning agencies that represent San Benito, Santa Cruz, and Monterey Counties. The AMBAG MTP/SCS provides land use and transportation planning strategies, including transportation system management, transportation demand management, active transportation, telecommuting, and an increase in zero-emission vehicles, to reduce GHG emissions (AMBAG 2018).

Environmental Evaluation

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

During construction, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment that could generate GHG emissions. Federal and state regulations in place require the use of fuel-efficient equipment and vehicles and require wasteful activities, such as diesel idling, to be limited. Construction contractors, in an effort to ensure cost efficiency, would not be expected to engage in wasteful or unnecessary energy and fuel practices. Temporary traffic controls may temporarily increase traffic congestion and associated idling emissions during the 7- to 8-month-long construction period; however, following construction, traffic controls would be removed, and traffic flow would return to preconstruction conditions. Therefore, any increase in GHG emissions from vehicle idling would be temporary in nature and would not result in a new, permanent source of GHG emissions in the area. Construction activities are not anticipated to result in significant emissions, and construction-related impacts would be *less than significant*.

Typically, operational GHG emissions are generated from electricity and fossil fuel use. Electricity use during project operation would be limited to the installation of streetlights. Electricity would be provided by PG&E, which consists of 38% renewable energy sources and 57% GHG-free energy sources (PG&E

2022). By utilizing PG&E for electricity, 69% of the project's electricity demand would be sourced from GHG-free energy sources. The project would be limited to the operation of an existing intersection and would not include the establishment of new land uses or activities that could generate an increase in vehicle trips to and from the project site or would otherwise increase the use of fossil fuels. Further, the purpose of the proposed project is to reduce traffic congestion and associated vehicle idling at this intersection, which may facilitate a reduction in GHG emissions from vehicle use within the project area. Based on the nature of the proposed project, the project would not cause a substantial increase in GHG emissions; therefore, operational impacts would be *less than significant*.

b) Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

The AMBAG MTP/SCS outlines the region's plan for integrating the transportation network within an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands while reducing GHG emissions. The proposed project would be limited to the operation of an existing roadway and does not include the development of new land uses that would be subject to mixed-land use development, transportation demand measures, or other planning strategies to reduce GHG emissions. Therefore, the project would not conflict with an applicable GHG-reduction plan or policy, and *no impacts* would occur.

Conclusion

The project would be consistent with the AMBAG MTP/SCS and would not generate a substantial amount of short- or long-term GHG emissions; therefore, impacts related to GHG emissions would be less than significant.

Mitigation Measures

Mitigation is not necessary.

IX. Hazards and Hazardous Materials

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
(b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☒	☐	☐
(c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒

	Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
(e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
(f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
(g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

Setting

The Hazardous Waste and Substances Site (Cortese) List is a planning tool used by the state, local agencies, and developers to comply with CEQA requirements related to the disclosure of information about the location of hazardous materials release sites. California Government Code Section 65962.5 requires the California Environmental Protection Agency (CalEPA) to develop at least annually an updated Cortese List. Various state and local government agencies are required to track and document hazardous material release information for the Cortese List. The California Department of Toxic Substances Control (DTSC) EnviroStor database tracks DTSC cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination, such as federal superfund sites, state response sites, voluntary cleanup sites, school cleanup sites, school investigation sites, and military evaluation sites (DTSC 2023). The SWRCB GeoTracker database contains records for sites that impact, or have the potential to impact, water in California, such as Leaking Underground Storage Tank (LUST) sites, Department of Defense sites, and Cleanup Program Sites (SWRCB 2023). The remaining data regarding facilities or sites identified as meeting the "Cortese List" requirements can be located on the CalEPA website (CalEPA 2023).

Based on a query of the DTSC EnviroStor and SWRCB GeoTracker databases, there are no hazardous materials sites located within or adjacent to the project site (DTSC 2023; SWRCB 2023).

Environmental Evaluation

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

The project would require limited quantities of hazardous substances, including gasoline, diesel fuel, hydraulic fluid, solvents, oils, paints, etc. during construction, which has the potential to result in an accidental spill or release. Construction contractors would be required to comply with applicable federal and state environmental and workplace safety laws for the handling, transport, and storage of hazardous

materials, including California Code of Regulations (CCR) Title 22, Division 4.5. Operation of the project would be limited to the operation of an existing intersection and would not require the use of hazardous or acutely hazardous materials. Based on required compliance with 22 CCR Division 4.5, the project would not create a significant hazard associated with the routine transport, use, or disposal of hazardous materials; therefore, impacts would be *less than significant.*

b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

The project does not include the handling or use of hazardous materials or volatile substances that would result in a significant risk of upset or accidental release conditions. As previously discussed, temporary construction activities would include the use of construction equipment, vehicles, and commonly used hazardous substances, including, but not limited to, paint, solvents, oils, fuel, and gasoline. Commonly used hazardous substances within the project site would be transported, stored, and used according to regulatory requirements and existing procedures for the handling of hazardous materials.

A Phase I Environmental Site Assessment (ESA) was conducted by Haro Environmental, Inc. (Haro Environmental; Appendix C) to identify any recognized environmental concerns (RECs) within the project area that could pose a significant environmental threat to subsurface soil, soil vapor, or groundwater. Based on the results of the Phase I ESA, there are no RECs within the project area that could result in adverse environmental effects (Haro Environmental 2024).

Aerially deposited lead (ADL) from the historical use of leaded gasoline exists along heavily traveled roadways throughout California (i.e., Principal Arterial roadways, freeways, and expressways). According to Caltrans California Road System – Functional Classification Mapper, Castroville Boulevard and San Miguel Canyon Road are designated as major collector roads (Caltrans 2023). Because Castroville Boulevard and San Miguel Canyon Road are not heavily traveled roadways, ADL is not expected to be found within the roadway or surrounding soils. As discussed in Section III, *Air Quality*, the project site is not located in an area with the potential for NOA to occur. However, the project would require the demolition and removal of damaged portions of the roadway and damaged culverts that have the potential to contain ACM. MM AQ-3 has been identified to reduce the potential to disturb ACM during proposed demolition activities.

Based on implementation of MM AQ-3 and required compliance with CCR Title 22, the project would not create significant hazard to the public or the environment through reasonably foreseeable upset or accident conditions involving the release of hazardous materials into the environment; therefore, impacts would be *less than significant with mitigation.*

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

The project site is located in a rural area and the nearest school is Liberty Family Academy, approximately 0.65 mile southeast of the project site. Therefore, the project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of a school, and *no impacts* would occur.

d) Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Based on a query of the DTSC EnviroStor and SWRCB GeoTracker databases, there are no hazardous materials sites located within or adjacent to the project site (DTSC 2023; SWRCB 2023). The project site is not located on or adjacent to a site that is on a list of hazardous materials sites pursuant to California Government Code Section 65962.5; therefore, the project would not create a significant hazard to the public or the environment related to disturbance in a hazardous materials site, and *no impacts* would occur.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

The nearest airport is Watsonville Municipal Airport, located approximately 10.5 miles northwest of the project site; therefore, the project would not result in airport-related safety or noise hazards, and *no impacts* would occur.

f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

The proposed project includes the construction of a roundabout and associated roadway improvements at the intersection of Castroville Boulevard and San Miguel Canyon Road. The project would require periodic closure of the existing intersection during the 7- to 8-month-long construction period. However, the project includes implementation of a temporary signalized intersection, which would maintain emergency access during short-term construction activities. In addition, the project would be conducted in phases to further maintain vehicle flow during temporary construction activities. Following project construction, roadway closures and temporary detour routes would be removed, and the intersection would be improved to a roundabout, which would ultimately improve vehicle flow and safety at the intersection. Therefore, the project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, and impacts would be *less than significant*.

g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

The project site consists of relatively flat topography and is generally surrounded by low-density residential land uses to the east and undeveloped, open space uses to the west. The project site is located in a high Fire Hazard Severity Zone (FHSZ) within a State Responsibility Area (SRA) (California Department of Forestry and Fire Protection [CAL FIRE] 2023). The project would be limited to the construction of a roundabout and associated roadway improvements at an existing intersection and would not include the development of any structures or buildings that could increase the potential for a wildfire to occur in the immediate or surrounding area. Further, the project would be required to comply with the California Fire Code, which identifies fire safety protocol for construction and demolition activities.

Based on the nature of the proposed project and required compliance with the California Fire Code, the project would not expose nearby residents to wildfire, and impacts would be *less than significant.*

Conclusion

Based on implementation of MM AQ-3 and required compliance with 22 CCR Division 4.5, the project is not anticipated to create significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials or through reasonably foreseeable upset or accident conditions involving the release of hazardous materials into the environment. The project would not be located within 0.25 mile of an existing or proposed school, within 2 miles of an airport, or located on or adjacent to an active hazardous materials site. Additionally, the project would not expose project occupants to risk associated with wildland fires. Construction and operation of the project would not interfere with an emergency response or evacuation plan. With implementation of MM AQ-3, potential impacts related to hazards and hazardous materials would be less than significant.

Mitigation Measures

Implement MM AQ-3.

X. Hydrology and Water Quality

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
(b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
(c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
(i) Result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
(ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	☐	☐	☒	☐
(iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
(iv) Impede or redirect flood flows?	☐	☐	☒	☐
(d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
(e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

Setting

The federal CWA mandates that any municipal, industrial, or commercial facility that discharges stormwater runoff must first obtain coverage under a National Pollutant Discharge Elimination System (NPDES) permit. In California, the SWRCB and nine Regional Water Quality Control Boards (RWQCBs) have been given regulatory authority by the federal government to manage NPDES programs. In July 2013, the Central Coast RWQCB adopted Order R3-2013-0032 with more stringent Post Construction Requirements (PCRs). The PCRs apply to projects located in the Urbanized Area that create or replace 2,500 square feet or more of impervious area.

According to FEMA FIRM 06053C0091G (effective 4/2/2009), the project site is located adjacent to Zone AE, an area with 1% chance of annual flooding; however, the project site is located entirely within Zone X, an area of minimal flood hazard (FEMA 2023).

Environmental Evaluation

a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Construction of the project would result in approximately 3.16 acres of ground disturbance. Proposed ground-disturbing activities and vehicle and equipment use would have the potential to result in erosion or other pollutants that could run off from the project site to surrounding areas. The project would disturb more than 1 acre of soils and would be required to comply with the SWRCB General Construction Permit requirements, which requires the preparation and implementation of a SWPPP with BMPs to reduce and/or eliminate pollutant discharge during construction activities. In addition, the project would be required to comply with the County Stormwater Ordinance, which identifies regulations to ensure compliance with the CWA and Porter-Cologne Act. Based on required compliance with existing SWRCB and County requirements, the project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality, and impacts would be *less than significant*.

b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

The project site is located in the Langley Area Subbasin of the Salinas Valley Groundwater Basin, which extends over a 17,600-acre area in northeastern Monterey County, east of the Gabilan Range and south of the Elkhorn Slough (Salinas Valley Basin Groundwater Sustainability Agency [SVBGSA] 2022). The project includes improvements to an existing intersection that would result in a limited increase in impervious surface area within the project area; therefore, project activities would not substantially interfere with groundwater recharge in a manner that could impede sustainable groundwater management of the basin. In addition, the project does not require any connections to water and would not require any long-term operational water use. During construction, water may be used for dust suppression; however, any water used during construction would be limited in volume and supplied from off-site sources. The project would not decrease groundwater supply or interfere with groundwater recharge, and impacts would be *less than significant*.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

c-i) Result in substantial erosion or siltation on- or off-site?

Construction of the project would result in approximately 3.16 acres of ground disturbance, which has the potential to increase erosion at the project site that could run off into surrounding areas. The project would disturb more than 1 acre of soils and would be required to comply with SWRCB General Construction Permit requirements, which requires the preparation and implementation of a SWPPP with BMPs to reduce and/or eliminate pollutant discharge during construction. The project would also be required to comply with the County Stormwater Ordinance, which identifies regulations to ensure compliance with the CWA and Porter-Cologne Act. Following project construction, the project site would continue to be covered in hardscapes, which would reduce the long-term potential for erosion at the project site. Based on required compliance with SWRCB and County requirements, the project would not result in substantial erosion or loss of topsoil; therefore, impacts would be *less than significant*.

c-ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

The proposed project includes the construction of a roundabout and associated roadway improvements at the intersection of Castroville Boulevard and San Miguel Canyon Road. The project would be required to prepare and implement a SWPPP with BMPs to address surface water runoff during construction. The proposed project would result in a limited increase in permanent impervious surface area within the project area; therefore, the project would not be expected to substantially increase the rate of surface water in a manner that could lead to flooding on- or off-site. Further, the project site would be returned to preconstruction conditions following construction activities to avoid the long-term alteration of drainage patterns within the project area. Based on the nature of the proposed project and required compliance with SWRCB requirements, the project would not result in an increase in stormwater runoff in a manner that could lead to flooding, and impacts would be *less than significant*.

c-iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

The project would result in a marginal increase in impervious surface area at the project site and would not be expected to substantially increase the rate or amount of polluted surface runoff. The project would be required to prepare and implement a SWPPP with BMPs to address polluted surface water runoff during construction activities. The project would also be required to comply with the County Stormwater Ordinance to ensure compliance with the CWA and Porter-Cologne Act. Following construction activities, the project site would be returned to preconstruction conditions and would continue to be covered in hardscapes, which would reduce the potential for a long-term increase in erosion and other pollutants at the project site. Based on required compliance with SWRCB and County requirements, the project would not create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, and impacts would be *less than significant*.

c-iv) Impede or redirect flood flows?

According to FEMA FIRM 06053C0091G (effective 4/2/2009), the project site is located adjacent to Zone AE, an area with 1% chance of annual flooding; however, the project site is located entirely within Zone X, an area of minimal flood hazard (FEMA 2023). The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements, which would result in a minimal increase in impervious surface area within the project area. Further, the project site would be returned to preconstruction conditions following construction activities to avoid the long-term alteration of drainage patterns within the project area. Therefore, the project would not impede or redirect flood flows, and impacts would be *less than significant*.

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

According to FEMA FIRM 06053C0091G (effective 4/2/2009), the project site is located adjacent to Zone AE, an area with 1% chance of annual flooding; however, the project site is located entirely within Zone X, an area of minimal flood hazard (FEMA 2023). Additionally, the project site is not located in an area that would be subject to tsunami risk and is not located in proximity to any impounded waterbody that would be subject to seiche (CDOC 2021). The project is not within a flood hazard, tsunami, or seiche zone and would not risk release of pollutants due to project inundation, and *no impacts* would occur.

e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

As previously evaluated, the project would result in a marginal increase in impervious surface area within the Langley Area Subbasin of the Salinas Valley Groundwater Basin and would not substantially interfere with groundwater recharge in a manner that could impede sustainable groundwater management of the basin. In addition, the project does not require any connections to water and would not require any long-term operational water use. Therefore, the project would not interfere with sustainable management of the Central Coast Basin, and impacts would be *less than significant*.

The project site is under the jurisdiction of the Central Coast RWQCB and would be subject to the *Water Quality Control Plan for the Central Coastal Basin* (Central Coast Basin Plan), which sets water quality objectives and criteria to protect water quality in the Central Coast region (RWQCB 2019). The project would disturb more than 1 acre of soils and would be required to comply with the SWRCB General Construction Permit requirements, which requires the preparation and implementation of a SWPPP with BMPs to reduce and/or eliminate pollutant discharge during construction activities. Further, the project would be required to comply with the County Stormwater Ordinance, which established regulations to ensure compliance with the CWA and Porter-Cologne Act. Based on required compliance with SWRCB and County requirements, the project would be consistent with water quality protection efforts included in the Central Coast Basin Plan, and impacts would be *less than significant*.

Conclusion

Based on required compliance with SWRCB and County requirements, the project would not result in adverse impacts related to water quality, groundwater quality, or stormwater runoff. The project would not require connection to groundwater resources and would not be located in an area that would be subject to inundation. The project would be consistent with sustainable management of the Langley Area Subbasin and the Central Coast Basin Plan. Therefore, impacts related to hydrology and water quality would be less than significant.

Mitigation Measures

Mitigation is not necessary.

XI. Land Use and Planning

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Physically divide an established community?	☐	☐	☒	☐
(b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☒	☐	☐

Setting

Due to the diversity of Monterey County, smaller plan areas were created to provide more specific policies unique to particular geographical areas. The inland portion of unincorporated Monterey County is divided into seven Planning Areas—Cachagua, Central Salinas Valley, Greater Monterey Peninsula (including the non-coastal portion of the Del Monte Forest), Greater Salinas, North County, South County, and Toro. Area Plan policies may refine General Plan policies or provide unique policies specific to the particular geographic area. The project site is located within the North County Planning Area.

Environmental Evaluation

a) Would the project physically divide an established community?

The proposed project includes the construction of a roundabout and associated roadway improvements at the intersection of Castroville Boulevard and San Miguel Canyon Road. The project would require periodic closure of the intersection during the 7- to 8-month-long construction period; however, the project includes implementation of a temporary signalized intersection, which would maintain vehicle and other access during construction activities. During construction, the existing Monterey-Salinas transit stop located directly south of the intersection may be temporarily relocated further south to allow the transit stop to remain open to the public during construction activities. Following construction activities, the transit stop would be relocated to the original location to maintain long-term access and use of the transit stop. Proposed roadway improvements would ultimately improve intersection conditions in the area. The project would not result in the removal or blockage of existing public roadways or other circulation paths and would not otherwise include any features that would physically divide an established community; therefore, impacts would be *less than significant*.

b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

As evaluated throughout this Initial Study, the project would be consistent with standards and policies set forth in the County's General Plan, Municipal Code, and North County Land Use Plan (County of

Monterey 1986); MBARD Particulate Matter Plan and AQMP; and AMBAG MTP/SCS. The project would be required to implement MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1 to mitigate potential impacts associated with air quality, biological resources, cultural and tribal cultural resources, hazards and hazardous materials, and noise, respectively, which is consistent with the identified plans and policies intended to avoid or mitigate adverse environmental effects. Upon implementation of identified mitigation, the project would not conflict with other local policies or regulations adopted for the purpose of avoiding or mitigating environmental effects; therefore, impacts would be *less than significant with mitigation*.

Conclusion

The proposed project would not physically divide an established community. Upon implementation of mitigation measures identified throughout this document, the project would be consistent with the County's General Plan, Municipal Code, and North County Land Use Plan; MBARD Particulate Matter Plan and AQMP; and AMBAG MTP/SCS. Therefore, impacts would be less than significant upon implementation of the identified mitigation measures.

Mitigation Measures

Implement MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1.

XII. Mineral Resources

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
(b) Result in the loss of availability of a locally- important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

Setting

The California Surface Mining and Reclamation Act (SMARA) of 1975 requires that the State Geologist classify land into mineral resource zones (MRZs) according to the known or inferred mineral potential of the land (PRC Sections 2710–2796).

The CGS *Special Report 251: Update of the Mineral Land Classification for Construction Aggregate Resources in the Monterey Bay Production-Consumption Region* (CGS 2021a) classifies land within the Monterey Bay Production-Consumption (P-C) Region into one of the following four categories:

- **MRZ-1:** Areas where available geologic information indicates that little likelihood exists for the presence of significant construction aggregate resources.
- **MRZ-2:** Areas where geologic information indicates the presence of significant construction aggregate resources.

- **MRZ-3:** Areas containing known or inferred construction aggregate resources of undetermined mineral resource significance.
- **MRZ-4:** Areas where available geologic information is inadequate to assign to any other mineral resource zone category.

Environmental Evaluation

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

b) Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

According to the CGS *Mineral Resource Zone Map for Construction Aggregate in the Monterey Bay Production-Consumption Region*, the project site does not contain any known or inferred mineral resources (CGS 2021b). In addition, the project site is not zoned or designated for mineral extraction. Therefore, the project would not result in the loss of availability of a known mineral resource or result in the loss of availability of a locally-important mineral resource recovery site, and *no impacts* would occur.

Conclusion

No impacts to mineral resources would occur as a result of the project.

Mitigation Measures

Mitigation is not necessary.

XIII. Noise

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project result in:				
(a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
(b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
(c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Setting

Chapter 10.60 (Noise Control) of the County Municipal Code establishes standards and regulations for noise levels within the county. Table 5 defines the County's thresholds for nighttime exterior noise levels within Monterey County.

Table 5. Exterior Noise Level Standards (Nighttime Only)

	Standard
Nighttime hourly equivalent sound level (L_{eq} dBA)	45
Maximum level, dBA	65

Source: County of Monterey (2024)
Note: dBA = A-weighted decibels

According to Chapter 10.60 (Noise Control) of the County Municipal Code, the generation of any loud and unreasonable sound any day of the week between the hours of 9:00 p.m. and 7:00 a.m. is prohibited within the unincorporated area of Monterey County.

Environmental Evaluation

a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Existing ambient noise levels in the project area consist of vehicle noise along Castroville Boulevard and San Miguel Canyon Road and surrounding low-density residential land uses. During project construction, noise from construction activities may intermittently dominate the noise environment in the immediate project area. The project would require the use of typical construction equipment (e.g., dozers, excavators, etc.) during proposed construction activities. According to the Federal Highway Administration (FHWA), noise from standard construction equipment generally ranges from 80 to 85 A-weighted decibels (dBA) at 50 feet from the source, as shown in Table 6 (FHWA 2018).

Table 6. Construction Equipment Noise Emission Levels

Equipment Type	Typical Noise Level (dBA) 50 Feet from Source
Concrete Mixer, Dozer, Excavator, Jackhammer, Man Lift, Paver, Scraper	85
Heavy Truck	84
Crane, Mobile	83
Concrete Pump	82
Backhoe, Compactor	80

Source: FHWA (2018)

The project site is located in a moderately developed area. The nearest sensitive receptor is a single-family residence located approximately 150 feet east. Construction-related noise would be short term and intermittent and would not result in a permanent increase in ambient noise within the project area. The project would require construction activities during nighttime hours (9:00 p.m. and 7:00 a.m.). Proposed

construction activities that would occur during nighttime hours would include roadway improvements, embankment adjustments, and restriping. An exception to the County's noise standards would be required to be obtained for the project prior to the commencement of construction activities. Further, due to the proximity of nearby sensitive receptors, MM N-1 has been identified to reduce construction-related noise. With implementation of MM N-1, construction-related noise would not exceed County noise standards; therefore, impacts would be *less than significant with mitigation*.

The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection and does not include the establishment of new land uses that could permanently increase ambient noise levels within the project area. Therefore, operational noise generated by the project would be consistent with the existing level of noise within the project area, and potential impacts would be *less than significant*.

b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

The proposed project has the potential to generate limited groundborne vibration during demolition of the existing roadway. Construction activities would not require any pile driving or high impact construction activities that could result in substantial groundborne vibration. Equipment for proposed demolition activities would be most similar to a large bulldozer and a jackhammer, which would generate a vibration level of approximately 0.089 inches per second at 25 feet from the source and 0.035 inches per second at 25 feet from the source, respectively. These vibration levels would fall below the 0.3 inch per second building damage criterion established by Caltrans (Federal Transit Administration [FTA] 2018). Operation of the project does not include new features that could generate substantial long-term groundborne noise above existing conditions. Therefore, impacts related to exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels would be *less than significant*.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The project site is not located within the vicinity of a private airstrip, within an airport land use plan, or within 2 miles of an airport; therefore, the project would not expose people residing or working in the project area to excessive noise levels, and *no impacts* would occur.

Conclusion

With implementation of MM N-1, the project would not generate a substantial increase in temporary or permanent ambient noise levels or generate groundborne noise in a manner that would result in disturbance. The project site is not located within an airport land use plan or within 2 miles of an airport. Therefore, with implementation of MM N-1, impacts related to noise would be less than significant.

Mitigation Measures

MM N-1 For the entire duration of the construction phase of the project, the following noise reduction measures shall be implemented to ensure that noise levels are maintained within levels allowed by Chapter 10.60 (Noise Control) of the County of Monterey Municipal Code:

1. Stationary construction equipment that generates noise that exceeds 65 A-weighted decibels (dBA) at the project boundaries shall be shielded with the most modern noise control devices (i.e., mufflers, lagging, and/or motor enclosures).

2. Impact tools (e.g., jackhammers, pavement breakers, rock drills, etc.) used for project construction shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools.

3. Where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used.

4. All construction equipment shall have the manufacturers' recommended noise abatement methods installed, such as mufflers, engine enclosures, and engine vibration insulators, intact and operational.

5. All construction equipment shall undergo inspection at periodic intervals to ensure proper maintenance and presence of noise control devices (e.g., mufflers, shrouding, etc.).

6. The project contractor shall inform residents at properties within 300 feet of the project of proposed construction timelines and noise compliant procedures to minimize potential annoyance related to construction noise.

XIV. Population and Housing

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☒	☐
(b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Setting

According to the U.S. Census Bureau, as of 2022, Monterey County had a population of approximately 432,858 persons. The average household size was approximately 3.24 persons (U.S. Census Bureau 2022).

Environmental Evaluation

a) Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

The proposed project would be limited to the construction of a roundabout and associated roadway improvements along an existing roadway to improve safety and reduce vehicle congestion. The project does not include the construction of new residences, businesses, or other uses that could directly include population growth within the county. Proposed construction activities have the potential to generate short-term employment opportunities; however, project construction is expected to use workers from the local employment force and would not require workers to relocate to the project area. Therefore, the project would not induce substantial or unplanned population growth, and impacts would be *less than significant*.

b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

The project includes the ROW acquisition of four surrounding parcels; however, the project would not require the removal or demolition of existing residences or other structures; therefore, the project would not require the construction of replacement housing elsewhere, and *no impacts* would occur.

Conclusion

The project would not induce substantial or unplanned population growth and does not require the removal of existing residences; therefore, impacts related to population and housing would be less than significant.

Mitigation Measures

Mitigation is not necessary.

XV. Public Services

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☐	☒

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Police protection?	☐	☐	☐	☒
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☐	☒
Other public facilities?	☐	☐	☐	☒

Setting

The Monterey County Regional Fire District (MCRFD) provides fire protection services to approximately 400 square miles and 40,000 residents within Monterey County. The MCRFD staffs seven fire stations with 70 full-time employees that are supported by three volunteer firefighters. CAL FIRE also provides fire protection services within the county from seven fire stations and one conservation camp located in Monterey County, and there are additional volunteer fire protection services located within the county. The nearest fire station to the project site is the North County Fire District, located approximately 5.5 miles southwest of the project site.

Police services are provided by the Monterey County Sheriff's Office, which has approximately 450 employees and provides law enforcement and emergency response to approximately 110,000 residents in Monterey County. The nearest sheriff's station is the Monterey County Sheriff's Department Headquarters, approximately 7.85 miles southeast of the project site.

The Monterey Peninsula Regional Park District (MPRPD) operates approximately 24 parks and open spaces over an approximately 500-square-mile area in Monterey County. Manzanita County Park is located adjacent to the southern portion of the project site.

Environmental Evaluation

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire Protection?

The project does not include the construction of new buildings or structures that would directly increase demand on existing fire protection services. The proposed project would be limited to the construction of a roundabout and associated roadway improvements along an existing roadway and would not facilitate unplanned or substantial population growth in a manner that would increase demand on existing fire protection services. Therefore, the project would not require new or physically altered governmental facilities for fire protection services, and *no impacts* related to fire protection would occur.

Police Protection?

The project does not include the construction of new residences, businesses, or other uses that would directly increase demand on existing police protection services. The project would be limited to the construction of a roundabout and associated roadway improvements along an existing roadway and would not facilitate unplanned or substantial population growth in a manner that would increase demand on existing police protection services. Therefore, the project would not require new or physically altered governmental facilities for police protection services, and *no impacts* would occur.

Schools?

As discussed in Section XIV, *Population and Housing*, the project would not induce direct or indirect population growth. The project would not result in an increase in school-aged children in the area. Therefore, the project would not create an increased demand on local schools, and *no impacts* would occur.

Parks?

As discussed in Section XIV, *Population and Housing*, the project would not induce direct or indirect population growth. The project would not result in a population increase that could result in deterioration of existing recreation facilities or require the expansion of new facilities. Therefore, the project would not create an increased demand on public recreation facilities, and *no impacts* would occur.

Other Public Facilities?

As discussed in Section XIV, *Population and Housing*, the project would not induce direct or indirect population growth. The project does not propose features that would significantly increase the demand on public facilities, such as libraries or post offices, or result in the need for new or physically altered governmental facilities; therefore, *no impacts* would occur.

Conclusion

The project would not increase demand for fire or police protection services, schools, parks, libraries, or other public facilities; therefore, no impacts related to public services would occur as a result of the project, and mitigation measures are not necessary.

Mitigation Measures

Mitigation is not necessary.

XVI. Recreation

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

Setting

The MPRPD operates approximately 24 parks and open spaces over an approximately 500-square-mile area in Monterey County. Manzanita County Park is located adjacent to the southern portion of the project site.

Environmental Evaluation

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

As discussed in Section XIV, *Population and Housing*, the project would be limited to the construction of a roundabout and associated roadway repairs along an existing rural roadway and would not induce substantial or unplanned population growth in the county. Based on the negligible population growth associated with the proposed project, the project would not increase the use of existing recreational facilities in a manner that would lead to substantial deterioration of existing recreational facilities, and *no impacts* would occur.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

The project does not include the construction of new recreational facilities, including bike lanes, nor would it require the construction or expansion of recreational facilities elsewhere, and *no impacts* would occur.

Conclusion

The project would not directly or indirectly increase the use of existing recreational facilities in a manner that would result in substantial physical deterioration of these facilities or require the construction of new or expanded facilities that could result in adverse physical effects on the environment. Therefore, no impacts related to recreation would occur, and mitigation measures are not necessary.

Mitigation Measures

Mitigation is not necessary.

XVII. Transportation

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
(b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
(c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
(d) Result in inadequate emergency access?	☐	☐	☒	☐

Setting

The *2010 Monterey County General Plan Circulation Element* identifies goals and policies to provide adequate transportation systems to serve the unincorporated lands of Monterey County through the year 2030. These goals and policies are intended to achieve an acceptable level of service (LOS) along roadways, optimize the use of transportation facilities, reduce adverse environmental impacts associated with transportation planning, provide for safe movement of people and goods, protect scenic roadways, and promote alternative modes of transportation (County of Monterey 2010). In addition, the AMBAG MTP/SCS provides land use and transportation planning strategies, including transportation system management, transportation demand management, active transportation, telecommuting, and an increase in zero-emission vehicles, intended to reduce GHG emissions (AMBAG 2018).

The project site consists of the intersection of Castroville Boulevard and San Miguel Canyon Road. The intersection is controlled by a stop sign at the terminus of Castroville Boulevard. The segment of Castroville Boulevard in the project area consists of a single westbound lane and a single eastbound lane with a dedicated right-turn lane. The segment of San Miguel Canyon Road in the project area consists of a single northbound lane with a dedicated left-turn lane at the intersection, a merge lane directly north of the intersection, and a single southbound lane with a dedicated right-turn lane at the intersection. The posted speed limit is 55 mph, and approximately 2,000 vehicles utilize this intersection per hour.

Environmental Evaluation

a) Would the project conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection and would not include the development of new land uses or transportation corridors that would be applicable to transportation and/or land use planning strategies included in the County Circulation Element or the AMBAG MTP/SCS. During construction, the existing Monterey-Salinas transit stop located directly south of the intersection may be temporarily relocated further south to allow the transit stop to remain open to the public during

construction activities. Following construction activities, the transit stop would be relocated to the original location to maintain long-term access and use of the transit stop, which would be consistent with goals related to maintaining a safe and efficient transportation system. The project would ultimately improve vehicle flow and safety at the intersection of Castroville Boulevard and San Miguel Canyon Road, which would be consistent with goals and policies included in the County Circulation Element related to providing safe and optimal travel along County roadways. The project does not propose features that would increase capacity of the existing roadway or increase long-term circulation to and from the project site; therefore, the project would not result in a substantial increase in long-term vehicle trips that could reduce the existing LOS or result in adverse environmental impacts, which is consistent with the County Circulation Element. Further, the project would install pedestrian facilities within at the intersection to improve pedestrian facilities. Therefore, the project would be consistent with the goals and policies of the County Circulation Element and the AMBAG MTP/SCS, and impacts would be *less than significant*.

b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

According to the *Technical Advisory on Evaluating Transportation Impacts in CEQA* (California Governor's Office of Planning and Research [OPR] 2018), projects that would not generate a potentially significant level of vehicle miles traveled (VMT), that are consistent with an SCS or general plan, or that would generate or attract fewer than 110 trips per day would not result in significant transportation impacts. The project does not propose features that would increase long-term circulation to or from the project site. The project would continue to operate as a roadway and would not generate new vehicle trips that could meet or exceed 110 trips per day and would not generate a significant increase in VMT; therefore, project impacts would be *less than significant*.

c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at the intersection of Castroville Boulevard and San Miguel Canyon Road. Proposed roadway improvements, including proposed pedestrian walkways, would be constructed in compliance with County Roadway Design Standards and other applicable engineering practices to avoid risk associated with hazardous roadway design. In addition, the project does not include the development of new land uses that could introduce incompatible uses along Castroville Boulevard, San Miguel Canyon Road, or the associated intersection. Based on required compliance with County Roadway Design Standards and other applicable engineering practices, the project would not result in hazardous roadway design features; therefore, impacts would be *less than significant*.

d) Would the project result in inadequate emergency access?

The proposed project includes the construction of a roundabout and associated roadway improvements at the intersection of Castroville Boulevard and San Miguel Canyon Road. The project would require periodic closure of the existing intersection during the 7- to 8-month-long construction period. However, the project includes implementation of a temporary signalized intersection, which would maintain emergency access during construction activities. Additionally, project construction would be conducted in a phased approach to further maintain vehicle flow during temporary construction activities. Following project construction, roadway closures and temporary detour routes would be removed, and the intersection would be improved to a roundabout, which would ultimately improve vehicle flow and safety

at the intersection. Therefore, the project would not result in inadequate emergency access, and impacts would be *less than significant*.

Conclusion

The project would be consistent with the County Circulation Element and the AMBAG MTP/SCS. The project does not propose features that would increase long-term circulation to or from the project site and would not exceed the established VMT threshold of 110 trips per day. Proposed intersection and roadway improvements would be subject to the County Roadway Design Standards and other applicable engineering practices and would not result in hazardous features. The project would ultimately improve emergency response and evacuation efforts within the project area. Therefore, impacts related to transportation would be less than significant.

Mitigation Measures

Mitigation is not necessary.

XVIII. Tribal Cultural Resources

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
(i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☒
(ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Setting

Approved in 2014, AB 52 added tribal cultural resources to the categories of resources that must be evaluated under CEQA. Tribal cultural resources are defined as either of the following:

1. Sites, features, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either of the following:
    a. Included or determined to be eligible for inclusion in the CRHR; or
    b. Included in a local register of historical resources as defined in PRC Section 5020.1(k).

2. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in PRC Section 5024.1(c). In applying these criteria for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American Tribe.

Recognizing that tribes have expertise with regard to their tribal history and practices, AB 52 requires lead agencies to provide notice to tribes that are traditionally and culturally affiliated with the geographic area of a proposed project if they have requested notice of projects proposed within that area. If the tribe requests consultation within 30 days upon receipt of the notice, the lead agency must consult with the tribe regarding the potential for adverse impacts on tribal cultural resources as a result of a project. Consultation may include discussing the type of environmental review necessary, the presence and/or significance of tribal cultural resources, the level of significance of a project's impacts on the tribal cultural resources, and available project alternatives and mitigation measures recommended by the tribe to avoid or lessen potential impacts on tribal cultural resources.

Environmental Evaluation

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a-i) Listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?

Based on the records search conducted for the proposed project, there are no previously documented historical tribal cultural resources located within the project area (SWCA 2024). Therefore, the project would not cause an adverse change in the significance of a historical tribal cultural resource, and *no impact* would occur.

a-ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Pursuant to AB 52, the County provided notice to local California native tribes with geographic and/or cultural ties to the project region. Referral letters were sent to tribal representatives on March 25, 2024. No tribes have requested consultation or provided information regarding significant tribal cultural resources to date.

The proposed project would require ground-disturbing activities over the approximate 1.3-acre project site. Based on a records search conducted at the NWIC (NWIC File No.: 23-0541), no previously documented archaeological resources are located within a 0.25-mile radius of the project area, and no archaeological resources or evidence of archaeological resources were observed during the pedestrian

field survey; therefore, there is low potential for archaeological resources to be present within the project area (SWCA 2024). Further, MM CR-1 has been included in the unlikely event that previously unidentified cultural resources are uncovered during proposed ground-disturbing activities. In the unlikely event that human remains are encountered during proposed ground-disturbing activities, the project would be required to comply with California Health and Safety Code Section 7050.5, which outlines the protocol for unanticipated discovery of human remains. Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to PRC Section 5097.98. The County Coroner must be notified of the find immediately. If the human remains are determined to be prehistoric, the coroner will notify the NAHC, which will determine and notify an MLD. The MLD shall complete the inspection of the project site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. Based on the low potential to uncover cultural resources within the project area, implementation of MM CR-1, and required compliance with California Health and Safety Code Section 7050.5, the project would not result in adverse impacts to known or unknown tribal cultural resources; therefore, impacts would be *less than significant with mitigation*.

Conclusion

Based on the low potential to uncover cultural resources within the project area, implementation of MM CR-1, and required compliance with California Health and Safety Code Section 7050.5, the project would not result in adverse impacts to known or unknown tribal cultural resources. Therefore, with implementation of MM CR-1, impacts related to tribal cultural resources would be less than significant.

Mitigation Measures

Implement MM CR-1.

XIX. Utilities and Service Systems

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
(a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☒	☐	☐
(b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☐	☒
(c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒

	Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(d)	Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
(e)	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

Setting

The project site is located in the Langley Area subbasin of the Salinas Valley Groundwater Basin (California Department of Water Resources [DWR] subbasin number 3-004.09). The Langley Area subbasin encompasses an area of northeastern Monterey County, east of the Gabilan Range and south of the Elkhorn Slough. The primary water uses in the subbasin are rural residential uses, and some agricultural uses are located along the southern boundary of the subbasin. The main water source in the subbasin is groundwater that is supplemented by surface water diversions. The Langley subbasin is entirely within the jurisdiction of the SVBGSA (SVBGSA 2022).

There are three landfills located in Monterey County, including Johnson Canyon Sanitary Landfill, approximately 25 miles southeast of the project site; Monterey Regional Waste Management District (MRWMD; ReGen Monterey Landfill), approximately 8.5 miles southwest of the project site; and Salinas Transfer Station and Recycling Center, approximately 8 miles south of the project site.

There is existing utility infrastructure located within the project area, including AT&T, PG&E, and Comcast infrastructure.

Environmental Evaluation

a) Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

The project would require the relocation of existing utility infrastructure during proposed construction activities, which would be conducted within the footprint of the proposed project. As evaluated throughout this Initial Study, the project has the potential to result in adverse impacts related to air quality, biological resources, cultural and tribal cultural resources, hazards and hazardous materials, and noise. MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1 have been included to avoid and/or minimize adverse impacts to less-than-significant levels. Therefore, upon implementation of the identified mitigation measures, relocation of utility infrastructure would not result in adverse impacts to the environment; therefore, potential impacts would be *less than significant with mitigation*.

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

The project does not require any connections to water and would not require any long-term operational water use. During construction, water may be used for dust suppression; however, any water used during construction would be limited in volume and supplied from off-site sources. Therefore, *no impacts* would occur.

c) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Operation of the project does not include connection to any public or private wastewater treatment providers. Portable restrooms would likely be used by workers and other personnel throughout the construction period; therefore, the project would not require short- or long-term connections to wastewater treatment providers, and *no impacts* would occur.

d) Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Construction of the project may result in a temporary increase in solid waste, which would be disposed of in accordance with applicable state and local laws and regulations, such as California Green Building Standards Code (CALGreen) Sections 4.408 and 5.408, which requires diversion of at least 75% of construction waste. Based on required compliance with CALGreen regulations, construction of the project would not generate solid waste in excess of local infrastructure capacity. Solid waste landfills within Monterey County have adequate capacity to dispose of the marginal amount of solid waste generated by the project. Operation of the project would result in the continued operation of a roadway and would not generate waste in excess of state or local standards or in excess of the capacity of local infrastructure; therefore, impacts would be *less than significant*.

e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

As previously described, operation of the project would not result in the long-term generation of solid waste. Construction-related waste (i.e., excavated soils) would be disposed of according to federal and state regulations, including CALGreen standards for diversion of construction waste. Therefore, the project would not generate long-term solid waste and would be compliant with solid waste reduction statutes and regulations, and impacts would be *less than significant*.

Conclusion

Implementation of MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1 would reduce potential adverse environmental impacts related to relocation of utility infrastructure within the project area to less-than-significant levels. The project does not require connection to groundwater resources or a local water or wastewater provider. The project would not generate solid waste in exceedance of state or local regulations. Therefore, with implementation of MM AQ-1 through

MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1, impacts related to utilities and service systems would be less than significant.

Mitigation Measures

Implement MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1.

XX. Wildfire

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
(a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
(b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
(c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
(d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

Setting

A wildfire is any uncontrolled fire occurring on undeveloped land that requires fire suppression. Wildfires put lives and property at risk and compromise rivers and watersheds, open space, timber, range, recreational opportunities, wildlife habitats, historic and cultural areas assets, scenic assets, and local economies. The potential for significant damage to life and property increases in areas where development is adjacent to dense vegetation, known as wildland urban interface (WUI) areas. The severity of the wildland fire hazard is determined by the relationship between three factors: fuel classification, topographic slope, and critical fire weather frequency (County of Monterey 2023b).

The history of wildfires in Monterey County is significant. Since 1911, there has been an average of four wildfires per year, with an average of 17,000 acres burning annually. Each area of the county consists of unique variations of topography, fuel, and weather that impact wildfire behavior. According to the CAL FIRE FHSZ Viewer, the project site is located in a high FHSZ within an SRA (CAL FIRE 2023).

Environmental Evaluation

a) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

The project site is located within a high FHSZ within an SRA (CAL FIRE 2023). The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection. The project would require temporary closure of the existing intersection during the 7- to 8-month-long construction period. However, the project includes implementation of a temporary signalized intersection, which would maintain emergency and other access during construction activities. Project construction would also be conducted in a phased approach to further maintain vehicle flow during short-term construction activities. Following project construction, roadway closures would be removed, and the intersection would be improved to a roundabout, which would ultimately improve vehicle flow and safety at the intersection. Therefore, the project would not impede an emergency response or evacuation plan, and impacts would be *less than significant*.

b) Due to slope, prevailing winds, and other factors, if located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

The project site consists of relatively flat topography and is generally surrounded by low-density residential land uses to the east and undeveloped open space uses to the west. The project site is located in a high FHSZ within an SRA (CAL FIRE 2023). The project would be limited to the construction of a roundabout and associated roadway improvements at an existing intersection and would not include the development of any structures or buildings that could increase the potential for a wildfire to occur in the immediate or surrounding area. Further, the project would be required to comply with the California Fire Code, which identifies fire safety protocols for construction and demolition activities. Therefore, the project would not expose nearby residents to wildfire, and impacts would be *less than significant.*

c) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

The project site is located within a high FHSZ (CAL FIRE 2023). The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection and would not result in the construction of new or expanded roadways that could exacerbate wildfire risk within the project area. The project would be required to comply with the California Fire Code, which identifies fire safety protocol for construction and demolition activities. In addition, proposed roadway improvements would be conducted in accordance with the County Roadway Design Standards and other applicable engineering practices, which would reduce the potential to increase wildfire risk within the project area. Based on the nature of the proposed project and required compliance

with County requirements, the project would not exacerbate wildfire risk; therefore, impacts would be *less than significant*.

d) If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

According to the Geologic Hazards Map for Monterey County, the project site is located in an area with a low risk of landslide and low and high risks of liquefaction. In addition, the project site is located adjacent to a 100-year flood zone; however, it is not located within a 100-year flood zone (FEMA 2023). The project would not include the development of any structures or buildings that could expose people or structures to post-fire risks. The project includes the construction of a single-lane roundabout with a right-turn bypass lane and associated roadway improvements at an existing intersection, which would be constructed in compliance with the County Roadway Design Standards and other applicable engineering practices to avoid risk associated with post-fire flooding and ground-failure events. Based on required compliance with the County Roadway Design Standards and other applicable engineering practices, the project would not expose people or structures to post-fire risks; therefore, impacts would be *less than significant*.

Conclusion

The project would not expose people or structures to new or exacerbated wildfire risks or require the development of new or expanded infrastructure or maintenance to reduce wildfire risks, and impacts related to wildfire would be less than significant.

Mitigation Measures

Mitigation is not necessary.

XXI. Mandatory Findings of Significance

Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐

	Environmental Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
(b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
(c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

Environmental Evaluation

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Based on the analysis provided in the resource sections above, the project has the potential to disturb sensitive biological resources and unknown cultural and/or tribal cultural resources. MM BIO-1 and MM BIO-2 have been identified and would reduce potential impacts related to nesting birds and removal of oak trees to less than significant. Additionally, MM CR-1 has been identified to reduce impacts to unknown cultural and/or tribal cultural resources if present within the project area. Therefore, potential impacts would be *less than significant with mitigation*.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Based on the nature of the proposed development and the analysis provided in the resource sections above, the project would have the potential to result in environmental impacts associated with air quality, biological resources, cultural and tribal cultural resources, hazards and hazardous materials, and noise that could have a cumulative effect with other development projects in the project region. MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1 have been identified to reduce potential environmental impacts associated with the project to a less-than-significant level. Other past and future development projects requiring a discretionary permit in the project region would also be subject to applicable mitigation measures to reduce potential impacts associated with these impact issue areas. Therefore, based on implementation of project-level mitigation measures, discretionary review, and CEQA review of other projects within the project area, potential impacts would be *less than cumulatively considerable with mitigation*.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Based on the nature and scale of the proposed project and the analysis provided in the resource sections above, the project has the potential to cause environmental effects that could result in substantial adverse effects on human beings. Potential impacts associated with air quality, hazards and hazardous materials, and noise would be reduced to less-than-significant levels with implementation of MM AQ-1 through MM AQ-3 and MM N-1. Therefore, potential impacts associated with environmental effects that would cause substantial adverse effects on human beings would be *less than significant with mitigation*.

Conclusion

Based on implementation of MM AQ-1 through MM AQ-3, MM BIO-1 and MM BIO-2, MM CR-1, and MM N-1, all potential impacts associated with the construction and operation of the proposed project would be mitigated to less-than-significant levels.

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APPENDIX A

California Emissions Estimator Model Results

Prunedale Roundabout - Monterey County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Prunedale Roundabout

Monterey County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,628.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.6	**Precipitation Freq (Days)**	55
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Climate zone 4 for zip code 93907. Construction start date per construction schedule from Consor.

Land Use - Acerage per 1/22/2024 information request from Consor.

Construction Phase - No demolition or architectural coating - construction schedule provided by Consor.

Grading - Material import and export per 1/22/2024 information request from Consor.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	57.00
tblConstructionPhase	NumDays	4.00	29.00
tblConstructionPhase	NumDays	10.00	21.00
tblConstructionPhase	NumDays	2.00	50.00
tblConstructionPhase	PhaseEndDate	7/15/2025	4/8/2025
tblConstructionPhase	PhaseEndDate	10/8/2024	1/17/2025

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	PhaseEndDate	7/29/2025	5/7/2025
tblConstructionPhase	PhaseEndDate	10/2/2024	12/9/2024
tblConstructionPhase	PhaseStartDate	10/9/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	10/3/2024	12/10/2024
tblConstructionPhase	PhaseStartDate	7/16/2025	4/9/2025
tblGrading	MaterialExported	0.00	4,500.00
tblGrading	MaterialImported	0.00	50.00

2.0 Emissions Summary

Prunedale Roundabout - Monterey County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0396	0.4487	0.2517	7.9000e-004	0.2277	0.0170	0.2447	0.1052	0.0157	0.1209	0.0000	70.7487	70.7487	0.0173	2.6900e-003	71.9804
2025	0.0560	0.4479	0.5273	1.0200e-003	0.0633	0.0171	0.0804	0.0255	0.0163	0.0418	0.0000	86.4678	86.4678	0.0164	8.9000e-004	87.1428
Maximum	**0.0560**	**0.4487**	**0.5273**	**1.0200e-003**	**0.2277**	**0.0171**	**0.2447**	**0.1052**	**0.0163**	**0.1209**	**0.0000**	**86.4678**	**86.4678**	**0.0173**	**2.6900e-003**	**87.1428**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0396	0.4487	0.2517	7.9000e-004	0.2277	0.0170	0.2447	0.1052	0.0157	0.1209	0.0000	70.7486	70.7486	0.0173	2.6900e-003	71.9803
2025	0.0560	0.4479	0.5273	1.0200e-003	0.0633	0.0171	0.0804	0.0255	0.0163	0.0418	0.0000	86.4678	86.4678	0.0164	8.9000e-004	87.1427
Maximum	**0.0560**	**0.4487**	**0.5273**	**1.0200e-003**	**0.2277**	**0.0171**	**0.2447**	**0.1052**	**0.0163**	**0.1209**	**0.0000**	**86.4678**	**86.4678**	**0.0173**	**2.6900e-003**	**87.1427**

Prunedale Roundabout - Monterey County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**10-1-2024**	**12-31-2024**	0.4870	0.4870
2	**1-1-2025**	**3-31-2025**	0.4044	0.4044
3	**4-1-2025**	**6-30-2025**	0.0985	0.0985
		Highest	0.4870	0.4870

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8400e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8400e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.8400e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8400e-003**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2024	12/9/2024	5	50	Phase 1
2	Grading	Grading	12/10/2024	1/17/2025	5	29	Phase 2
3	Building Construction	Building Construction	1/18/2025	4/8/2025	5	57	Phase 3

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Paving	Paving	4/9/2025	5/7/2025	5	21	Phase 4

Acres of Grading (Site Preparation Phase): 46.88

Acres of Grading (Grading Phase): 29

Acres of Paving: 1.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Prunedale Roundabout - Monterey County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	569.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	24.00	9.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1571	0.0000	0.1571	0.0752	0.0000	0.0752	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0277	0.2960	0.1658	4.3000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	37.7816	37.7816	0.0122	0.0000	38.0871
Total	**0.0277**	**0.2960**	**0.1658**	**4.3000e-004**	**0.1571**	**0.0121**	**0.1691**	**0.0752**	**0.0111**	**0.0863**	**0.0000**	**37.7816**	**37.7816**	**0.0122**	**0.0000**	**38.0871**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.1000e-004	0.0415	9.0300e-003	1.7000e-004	4.8300e-003	3.6000e-004	5.1900e-003	1.3300e-003	3.4000e-004	1.6700e-003	0.0000	16.6576	16.6576	3.0000e-004	2.6300e-003	17.4490
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	4.5000e-004	5.2000e-003	1.0000e-005	1.5900e-003	1.0000e-005	1.6000e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.3047	1.3047	4.0000e-005	4.0000e-005	1.3174
Total	**1.3100e-003**	**0.0420**	**0.0142**	**1.8000e-004**	**6.4200e-003**	**3.7000e-004**	**6.7900e-003**	**1.7500e-003**	**3.5000e-004**	**2.1000e-003**	**0.0000**	**17.9623**	**17.9623**	**3.4000e-004**	**2.6700e-003**	**18.7664**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1571	0.0000	0.1571	0.0752	0.0000	0.0752	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0277	0.2960	0.1658	4.3000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	37.7815	37.7815	0.0122	0.0000	38.0870
Total	**0.0277**	**0.2960**	**0.1658**	**4.3000e-004**	**0.1571**	**0.0121**	**0.1691**	**0.0752**	**0.0111**	**0.0863**	**0.0000**	**37.7815**	**37.7815**	**0.0122**	**0.0000**	**38.0870**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.1000e-004	0.0415	9.0300e-003	1.7000e-004	4.8300e-003	3.6000e-004	5.1900e-003	1.3300e-003	3.4000e-004	1.6700e-003	0.0000	16.6576	16.6576	3.0000e-004	2.6300e-003	17.4490
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	4.5000e-004	5.2000e-003	1.0000e-005	1.5900e-003	1.0000e-005	1.6000e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.3047	1.3047	4.0000e-005	4.0000e-005	1.3174
Total	**1.3100e-003**	**0.0420**	**0.0142**	**1.8000e-004**	**6.4200e-003**	**3.7000e-004**	**6.7900e-003**	**1.7500e-003**	**3.5000e-004**	**2.1000e-003**	**0.0000**	**17.9623**	**17.9623**	**3.4000e-004**	**2.6700e-003**	**18.7664**

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0636	0.0000	0.0636	0.0281	0.0000	0.0281	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.1105	0.0696	1.6000e-004		4.5800e-003	4.5800e-003		4.2100e-003	4.2100e-003	0.0000	14.4829	14.4829	4.6800e-003	0.0000	14.6000
Total	**0.0104**	**0.1105**	**0.0696**	**1.6000e-004**	**0.0636**	**4.5800e-003**	**0.0681**	**0.0281**	**4.2100e-003**	**0.0324**	**0.0000**	**14.4829**	**14.4829**	**4.6800e-003**	**0.0000**	**14.6000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.8000e-004	2.0800e-003	1.0000e-005	6.4000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5219	0.5219	2.0000e-005	2.0000e-005	0.5269
Total	**2.4000e-004**	**1.8000e-004**	**2.0800e-003**	**1.0000e-005**	**6.4000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5219**	**0.5219**	**2.0000e-005**	**2.0000e-005**	**0.5269**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0636	0.0000	0.0636	0.0281	0.0000	0.0281	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.1105	0.0696	1.6000e-004		4.5800e-003	4.5800e-003		4.2100e-003	4.2100e-003	0.0000	14.4829	14.4829	4.6800e-003	0.0000	14.6000
Total	**0.0104**	**0.1105**	**0.0696**	**1.6000e-004**	**0.0636**	**4.5800e-003**	**0.0681**	**0.0281**	**4.2100e-003**	**0.0324**	**0.0000**	**14.4829**	**14.4829**	**4.6800e-003**	**0.0000**	**14.6000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.8000e-004	2.0800e-003	1.0000e-005	6.4000e-004	0.0000	6.4000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.5219	0.5219	2.0000e-005	2.0000e-005	0.5269
Total	**2.4000e-004**	**1.8000e-004**	**2.0800e-003**	**1.0000e-005**	**6.4000e-004**	**0.0000**	**6.4000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**0.5219**	**0.5219**	**2.0000e-005**	**2.0000e-005**	**0.5269**

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0545	0.0000	0.0545	0.0232	0.0000	0.0232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7400e-003	0.0808	0.0552	1.3000e-004		3.2200e-003	3.2200e-003		2.9700e-003	2.9700e-003	0.0000	11.7686	11.7686	3.8100e-003	0.0000	11.8638
Total	**7.7400e-003**	**0.0808**	**0.0552**	**1.3000e-004**	**0.0545**	**3.2200e-003**	**0.0577**	**0.0232**	**2.9700e-003**	**0.0262**	**0.0000**	**11.7686**	**11.7686**	**3.8100e-003**	**0.0000**	**11.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.5700e-003	0.0000	5.2000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4103	0.4103	1.0000e-005	1.0000e-005	0.4141
Total	**1.8000e-004**	**1.3000e-004**	**1.5700e-003**	**0.0000**	**5.2000e-004**	**0.0000**	**5.2000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4103**	**0.4103**	**1.0000e-005**	**1.0000e-005**	**0.4141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0545	0.0000	0.0545	0.0232	0.0000	0.0232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7400e-003	0.0808	0.0552	1.3000e-004		3.2200e-003	3.2200e-003		2.9700e-003	2.9700e-003	0.0000	11.7686	11.7686	3.8100e-003	0.0000	11.8638
Total	**7.7400e-003**	**0.0808**	**0.0552**	**1.3000e-004**	**0.0545**	**3.2200e-003**	**0.0577**	**0.0232**	**2.9700e-003**	**0.0262**	**0.0000**	**11.7686**	**11.7686**	**3.8100e-003**	**0.0000**	**11.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.3000e-004	1.5700e-003	0.0000	5.2000e-004	0.0000	5.2000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4103	0.4103	1.0000e-005	1.0000e-005	0.4141
Total	**1.8000e-004**	**1.3000e-004**	**1.5700e-003**	**0.0000**	**5.2000e-004**	**0.0000**	**5.2000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4103**	**0.4103**	**1.0000e-005**	**1.0000e-005**	**0.4141**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0378	0.2968	0.3545	6.3000e-004		0.0112	0.0112		0.0108	0.0108	0.0000	51.7652	51.7652	8.4500e-003	0.0000	51.9765
Total	**0.0378**	**0.2968**	**0.3545**	**6.3000e-004**		**0.0112**	**0.0112**		**0.0108**	**0.0108**	**0.0000**	**51.7652**	**51.7652**	**8.4500e-003**	**0.0000**	**51.9765**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0127	3.8600e-003	5.0000e-005	1.6900e-003	8.0000e-005	1.7700e-003	4.9000e-004	8.0000e-005	5.6000e-004	0.0000	4.9821	4.9821	6.0000e-005	7.3000e-004	5.2007
Worker	1.9300e-003	1.3600e-003	0.0165	5.0000e-005	5.4300e-003	3.0000e-005	5.4700e-003	1.4500e-003	3.0000e-005	1.4800e-003	0.0000	4.3178	4.3178	1.3000e-004	1.2000e-004	4.3579
Total	**2.2500e-003**	**0.0141**	**0.0204**	**1.0000e-004**	**7.1200e-003**	**1.1000e-004**	**7.2400e-003**	**1.9400e-003**	**1.1000e-004**	**2.0400e-003**	**0.0000**	**9.2999**	**9.2999**	**1.9000e-004**	**8.5000e-004**	**9.5586**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0378	0.2968	0.3545	6.3000e-004		0.0112	0.0112		0.0108	0.0108	0.0000	51.7651	51.7651	8.4500e-003	0.0000	51.9764
Total	**0.0378**	**0.2968**	**0.3545**	**6.3000e-004**		**0.0112**	**0.0112**		**0.0108**	**0.0108**	**0.0000**	**51.7651**	**51.7651**	**8.4500e-003**	**0.0000**	**51.9764**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0127	3.8600e-003	5.0000e-005	1.6900e-003	8.0000e-005	1.7700e-003	4.9000e-004	8.0000e-005	5.6000e-004	0.0000	4.9821	4.9821	6.0000e-005	7.3000e-004	5.2007
Worker	1.9300e-003	1.3600e-003	0.0165	5.0000e-005	5.4300e-003	3.0000e-005	5.4700e-003	1.4500e-003	3.0000e-005	1.4800e-003	0.0000	4.3178	4.3178	1.3000e-004	1.2000e-004	4.3579
Total	**2.2500e-003**	**0.0141**	**0.0204**	**1.0000e-004**	**7.1200e-003**	**1.1000e-004**	**7.2400e-003**	**1.9400e-003**	**1.1000e-004**	**2.0400e-003**	**0.0000**	**9.2999**	**9.2999**	**1.9000e-004**	**8.5000e-004**	**9.5586**

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0200e-003	0.0559	0.0924	1.4000e-004		2.5900e-003	2.5900e-003		2.3900e-003	2.3900e-003	0.0000	12.3622	12.3622	3.9200e-003	0.0000	12.4602
Paving	1.7000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.7200e-003**	**0.0559**	**0.0924**	**1.4000e-004**		**2.5900e-003**	**2.5900e-003**		**2.3900e-003**	**2.3900e-003**	**0.0000**	**12.3622**	**12.3622**	**3.9200e-003**	**0.0000**	**12.4602**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.7000e-004	3.2900e-003	1.0000e-005	1.0800e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	2.9000e-004	0.0000	0.8617	0.8617	3.0000e-005	2.0000e-005	0.8697
Total	**3.8000e-004**	**2.7000e-004**	**3.2900e-003**	**1.0000e-005**	**1.0800e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8617**	**0.8617**	**3.0000e-005**	**2.0000e-005**	**0.8697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0200e-003	0.0559	0.0924	1.4000e-004		2.5900e-003	2.5900e-003		2.3900e-003	2.3900e-003	0.0000	12.3622	12.3622	3.9200e-003	0.0000	12.4602
Paving	1.7000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.7200e-003**	**0.0559**	**0.0924**	**1.4000e-004**		**2.5900e-003**	**2.5900e-003**		**2.3900e-003**	**2.3900e-003**	**0.0000**	**12.3622**	**12.3622**	**3.9200e-003**	**0.0000**	**12.4602**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.7000e-004	3.2900e-003	1.0000e-005	1.0800e-003	1.0000e-005	1.0900e-003	2.9000e-004	1.0000e-005	2.9000e-004	0.0000	0.8617	0.8617	3.0000e-005	2.0000e-005	0.8697
Total	**3.8000e-004**	**2.7000e-004**	**3.2900e-003**	**1.0000e-005**	**1.0800e-003**	**1.0000e-005**	**1.0900e-003**	**2.9000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8617**	**0.8617**	**3.0000e-005**	**2.0000e-005**	**0.8697**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.525994	0.052186	0.192239	0.149775	0.026316	0.006656	0.010786	0.006782	0.001528	0.000490	0.022990	0.001400	0.002856

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.8400e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	4.8400e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.6600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8400e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.6600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	0.0000	3.0000e-005
Total	**4.8400e-003**	**0.0000**	**2.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0000**	**3.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Prunedale Roundabout - Monterey County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Prunedale Roundabout

Monterey County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,628.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.6	**Precipitation Freq (Days)**	55
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Climate zone 4 for zip code 93907. Construction start date per construction schedule from Consor.

Land Use - Acerage per 1/22/2024 information request from Consor.

Construction Phase - No demolition or architectural coating - construction schedule provided by Consor.

Grading - Material import and export per 1/22/2024 information request from Consor.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	57.00
tblConstructionPhase	NumDays	4.00	29.00
tblConstructionPhase	NumDays	10.00	21.00
tblConstructionPhase	NumDays	2.00	50.00
tblConstructionPhase	PhaseEndDate	7/15/2025	4/8/2025
tblConstructionPhase	PhaseEndDate	10/8/2024	1/17/2025

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	PhaseEndDate	7/29/2025	5/7/2025
tblConstructionPhase	PhaseEndDate	10/2/2024	12/9/2024
tblConstructionPhase	PhaseStartDate	10/9/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	10/3/2024	12/10/2024
tblConstructionPhase	PhaseStartDate	7/16/2025	4/9/2025
tblGrading	MaterialExported	0.00	4,500.00
tblGrading	MaterialImported	0.00	50.00

2.0 Emissions Summary

Prunedale Roundabout - Monterey County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.3322	13.8374	8.9747	0.0246	7.1647	0.5727	7.7375	3.4465	0.5269	3.9735	0.0000	2,460.7093	2,460.7093	0.6477	0.1175	2,509.5687
2025	1.4050	12.4417	13.1831	0.0256	7.1647	0.4965	7.6613	3.4465	0.4568	3.9033	0.0000	2,370.9298	2,370.9298	0.6475	0.0325	2,388.9707
Maximum	**1.4050**	**13.8374**	**13.1831**	**0.0256**	**7.1647**	**0.5727**	**7.7375**	**3.4465**	**0.5269**	**3.9735**	**0.0000**	**2,460.7093**	**2,460.7093**	**0.6477**	**0.1175**	**2,509.5687**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.3322	13.8374	8.9747	0.0246	7.1647	0.5727	7.7375	3.4465	0.5269	3.9735	0.0000	2,460.7093	2,460.7093	0.6477	0.1175	2,509.5687
2025	1.4050	12.4417	13.1831	0.0256	7.1647	0.4965	7.6613	3.4465	0.4568	3.9033	0.0000	2,370.9298	2,370.9298	0.6475	0.0325	2,388.9707
Maximum	**1.4050**	**13.8374**	**13.1831**	**0.0256**	**7.1647**	**0.5727**	**7.7375**	**3.4465**	**0.5269**	**3.9735**	**0.0000**	**2,460.7093**	**2,460.7093**	**0.6477**	**0.1175**	**2,509.5687**

Prunedale Roundabout - Monterey County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**	**0.0000**	**3.0000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**	**0.0000**	**3.0000e-004**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2024	12/9/2024	5	50	Phase 1
2	Grading	Grading	12/10/2024	1/17/2025	5	29	Phase 2
3	Building Construction	Building Construction	1/18/2025	4/8/2025	5	57	Phase 3
4	Paving	Paving	4/9/2025	5/7/2025	5	21	Phase 4

Acres of Grading (Site Preparation Phase): 46.88

Acres of Grading (Grading Phase): 29

Acres of Paving: 1.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	569.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	24.00	9.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2832	0.0000	6.2832	3.0068	0.0000	3.0068			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437		1,665.8826	1,665.8826	0.5388		1,679.3521
Total	**1.1067**	**11.8407**	**6.6317**	**0.0172**	**6.2832**	**0.4823**	**6.7654**	**3.0068**	**0.4437**	**3.4504**		**1,665.8826**	**1,665.8826**	**0.5388**		**1,679.3521**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0291	1.5969	0.3590	6.8200e-003	0.1989	0.0143	0.2132	0.0545	0.0137	0.0682		734.1113	734.1113	0.0132	0.1159	768.9887
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0245	0.0156	0.2199	6.0000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		60.7154	60.7154	1.7900e-003	1.5700e-003	61.2279
Total	**0.0536**	**1.6125**	**0.5789**	**7.4200e-003**	**0.2646**	**0.0147**	**0.2793**	**0.0719**	**0.0140**	**0.0860**		**794.8267**	**794.8267**	**0.0150**	**0.1175**	**830.2166**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2832	0.0000	6.2832	3.0068	0.0000	3.0068			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437	0.0000	1,665.8826	1,665.8826	0.5388		1,679.3521
Total	**1.1067**	**11.8407**	**6.6317**	**0.0172**	**6.2832**	**0.4823**	**6.7654**	**3.0068**	**0.4437**	**3.4504**	**0.0000**	**1,665.8826**	**1,665.8826**	**0.5388**		**1,679.3521**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0291	1.5969	0.3590	6.8200e-003	0.1989	0.0143	0.2132	0.0545	0.0137	0.0682		734.1113	734.1113	0.0132	0.1159	768.9887
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0245	0.0156	0.2199	6.0000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		60.7154	60.7154	1.7900e-003	1.5700e-003	61.2279
Total	**0.0536**	**1.6125**	**0.5789**	**7.4200e-003**	**0.2646**	**0.0147**	**0.2793**	**0.0719**	**0.0140**	**0.0860**		**794.8267**	**794.8267**	**0.0150**	**0.1175**	**830.2166**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.5803	1,995.5803	0.6454		2,011.7155
Total	**1.3015**	**13.8178**	**8.6998**	**0.0206**	**7.0826**	**0.5722**	**7.6548**	**3.4247**	**0.5265**	**3.9512**		**1,995.5803**	**1,995.5803**	**0.6454**		**2,011.7155**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0307	0.0196	0.2748	7.5000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		75.8942	75.8942	2.2400e-003	1.9600e-003	76.5349
Total	**0.0307**	**0.0196**	**0.2748**	**7.5000e-004**	**0.0822**	**5.0000e-004**	**0.0827**	**0.0218**	**4.6000e-004**	**0.0223**		**75.8942**	**75.8942**	**2.2400e-003**	**1.9600e-003**	**76.5349**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155
Total	**1.3015**	**13.8178**	**8.6998**	**0.0206**	**7.0826**	**0.5722**	**7.6548**	**3.4247**	**0.5265**	**3.9512**	**0.0000**	**1,995.5803**	**1,995.5803**	**0.6454**		**2,011.7155**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0307	0.0196	0.2748	7.5000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		75.8942	75.8942	2.2400e-003	1.9600e-003	76.5349
Total	**0.0307**	**0.0196**	**0.2748**	**7.5000e-004**	**0.0822**	**5.0000e-004**	**0.0827**	**0.0218**	**4.6000e-004**	**0.0223**		**75.8942**	**75.8942**	**2.2400e-003**	**1.9600e-003**	**76.5349**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564		1,995.7975	1,995.7975	0.6455		2,011.9345
Total	**1.1904**	**12.4243**	**8.4937**	**0.0206**	**7.0826**	**0.4961**	**7.5787**	**3.4247**	**0.4564**	**3.8811**		**1,995.7975**	**1,995.7975**	**0.6455**		**2,011.9345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0287	0.0174	0.2543	7.3000e-004	0.0822	4.7000e-004	0.0826	0.0218	4.4000e-004	0.0222		73.4278	73.4278	2.0200e-003	1.8200e-003	74.0216
Total	**0.0287**	**0.0174**	**0.2543**	**7.3000e-004**	**0.0822**	**4.7000e-004**	**0.0826**	**0.0218**	**4.4000e-004**	**0.0222**		**73.4278**	**73.4278**	**2.0200e-003**	**1.8200e-003**	**74.0216**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345
Total	**1.1904**	**12.4243**	**8.4937**	**0.0206**	**7.0826**	**0.4961**	**7.5787**	**3.4247**	**0.4564**	**3.8811**	**0.0000**	**1,995.7975**	**1,995.7975**	**0.6455**		**2,011.9345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0287	0.0174	0.2543	7.3000e-004	0.0822	4.7000e-004	0.0826	0.0218	4.4000e-004	0.0222		73.4278	73.4278	2.0200e-003	1.8200e-003	74.0216
Total	**0.0287**	**0.0174**	**0.2543**	**7.3000e-004**	**0.0822**	**4.7000e-004**	**0.0826**	**0.0218**	**4.4000e-004**	**0.0222**		**73.4278**	**73.4278**	**2.0200e-003**	**1.8200e-003**	**74.0216**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	**1.3246**	**10.4128**	**12.4393**	**0.0221**		**0.3925**	**0.3925**		**0.3785**	**0.3785**		**2,002.1524**	**2,002.1524**	**0.3269**		**2,010.3248**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.4284	0.1336	1.8100e-003	0.0609	2.7900e-003	0.0637	0.0175	2.6700e-003	0.0202		192.5508	192.5508	2.3700e-003	0.0281	200.9941
Worker	0.0688	0.0419	0.6102	1.7400e-003	0.1972	1.1400e-003	0.1983	0.0523	1.0500e-003	0.0533		176.2266	176.2266	4.8400e-003	4.3800e-003	177.6519
Total	**0.0804**	**0.4703**	**0.7438**	**3.5500e-003**	**0.2581**	**3.9300e-003**	**0.2620**	**0.0698**	**3.7200e-003**	**0.0736**		**368.7773**	**368.7773**	**7.2100e-003**	**0.0325**	**378.6459**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248
Total	**1.3246**	**10.4128**	**12.4393**	**0.0221**		**0.3925**	**0.3925**		**0.3785**	**0.3785**	**0.0000**	**2,002.1524**	**2,002.1524**	**0.3269**		**2,010.3248**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0116	0.4284	0.1336	1.8100e-003	0.0609	2.7900e-003	0.0637	0.0175	2.6700e-003	0.0202		192.5508	192.5508	2.3700e-003	0.0281	200.9941
Worker	0.0688	0.0419	0.6102	1.7400e-003	0.1972	1.1400e-003	0.1983	0.0523	1.0500e-003	0.0533		176.2266	176.2266	4.8400e-003	4.3800e-003	177.6519
Total	**0.0804**	**0.4703**	**0.7438**	**3.5500e-003**	**0.2581**	**3.9300e-003**	**0.2620**	**0.0698**	**3.7200e-003**	**0.0736**		**368.7773**	**368.7773**	**7.2100e-003**	**0.0325**	**378.6459**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.8096	1,297.8096	0.4114		1,308.0951
Paving	0.1622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7354**	**5.3259**	**8.7951**	**0.0136**		**0.2465**	**0.2465**		**0.2276**	**0.2276**		**1,297.8096**	**1,297.8096**	**0.4114**		**1,308.0951**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0373	0.0227	0.3305	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		95.4561	95.4561	2.6200e-003	2.3700e-003	96.2281
Total	**0.0373**	**0.0227**	**0.3305**	**9.4000e-004**	**0.1068**	**6.2000e-004**	**0.1074**	**0.0283**	**5.7000e-004**	**0.0289**		**95.4561**	**95.4561**	**2.6200e-003**	**2.3700e-003**	**96.2281**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.8096	1,297.8096	0.4114		1,308.0951
Paving	0.1622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7354**	**5.3259**	**8.7951**	**0.0136**		**0.2465**	**0.2465**		**0.2276**	**0.2276**	**0.0000**	**1,297.8096**	**1,297.8096**	**0.4114**		**1,308.0951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0373	0.0227	0.3305	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		95.4561	95.4561	2.6200e-003	2.3700e-003	96.2281
Total	**0.0373**	**0.0227**	**0.3305**	**9.4000e-004**	**0.1068**	**6.2000e-004**	**0.1074**	**0.0283**	**5.7000e-004**	**0.0289**		**95.4561**	**95.4561**	**2.6200e-003**	**2.3700e-003**	**96.2281**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.525994	0.052186	0.192239	0.149775	0.026316	0.006656	0.010786	0.006782	0.001528	0.000490	0.022990	0.001400	0.002856

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Unmitigated	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004

Prunedale Roundabout - Monterey County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.4700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**		**3.0000e-004**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.4700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**		**3.0000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Prunedale Roundabout

Monterey County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,628.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.6	**Precipitation Freq (Days)**	55
Climate Zone	4			**Operational Year**	2026
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Climate zone 4 for zip code 93907. Construction start date per construction schedule from Consor.

Land Use - Acerage per 1/22/2024 information request from Consor.

Construction Phase - No demolition or architectural coating - construction schedule provided by Consor.

Grading - Material import and export per 1/22/2024 information request from Consor.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	57.00
tblConstructionPhase	NumDays	4.00	29.00
tblConstructionPhase	NumDays	10.00	21.00
tblConstructionPhase	NumDays	2.00	50.00
tblConstructionPhase	PhaseEndDate	7/15/2025	4/8/2025
tblConstructionPhase	PhaseEndDate	10/8/2024	1/17/2025

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstructionPhase	PhaseEndDate	7/29/2025	5/7/2025
tblConstructionPhase	PhaseEndDate	10/2/2024	12/9/2024
tblConstructionPhase	PhaseStartDate	10/9/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	10/3/2024	12/10/2024
tblConstructionPhase	PhaseStartDate	7/16/2025	4/9/2025
tblGrading	MaterialExported	0.00	4,500.00
tblGrading	MaterialImported	0.00	50.00

2.0 Emissions Summary

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.3341	13.8423	8.9698	0.0246	7.1647	0.5727	7.7375	3.4465	0.5269	3.9735	0.0000	2,458.1078	2,458.1078	0.6479	0.1179	2,507.0895
2025	1.4090	12.4461	13.1785	0.0255	7.1647	0.4965	7.6613	3.4465	0.4568	3.9033	0.0000	2,361.2271	2,361.2271	0.6478	0.0333	2,379.5221
Maximum	**1.4090**	**13.8423**	**13.1785**	**0.0255**	**7.1647**	**0.5727**	**7.7375**	**3.4465**	**0.5269**	**3.9735**	**0.0000**	**2,458.1078**	**2,458.1078**	**0.6479**	**0.1179**	**2,507.0895**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.3341	13.8423	8.9698	0.0246	7.1647	0.5727	7.7375	3.4465	0.5269	3.9735	0.0000	2,458.1078	2,458.1078	0.6479	0.1179	2,507.0895
2025	1.4090	12.4461	13.1785	0.0255	7.1647	0.4965	7.6613	3.4465	0.4568	3.9033	0.0000	2,361.2271	2,361.2271	0.6478	0.0333	2,379.5221
Maximum	**1.4090**	**13.8423**	**13.1785**	**0.0255**	**7.1647**	**0.5727**	**7.7375**	**3.4465**	**0.5269**	**3.9735**	**0.0000**	**2,458.1078**	**2,458.1078**	**0.6479**	**0.1179**	**2,507.0895**

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**	**0.0000**	**3.0000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**	**0.0000**	**3.0000e-004**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	10/1/2024	12/9/2024	5	50	Phase 1
2	Grading	Grading	12/10/2024	1/17/2025	5	29	Phase 2
3	Building Construction	Building Construction	1/18/2025	4/8/2025	5	57	Phase 3
4	Paving	Paving	4/9/2025	5/7/2025	5	21	Phase 4

Acres of Grading (Site Preparation Phase): 46.88

Acres of Grading (Grading Phase): 29

Acres of Paving: 1.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	569.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	24.00	9.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2832	0.0000	6.2832	3.0068	0.0000	3.0068			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437		1,665.8826	1,665.8826	0.5388		1,679.3521
Total	**1.1067**	**11.8407**	**6.6317**	**0.0172**	**6.2832**	**0.4823**	**6.7654**	**3.0068**	**0.4437**	**3.4504**		**1,665.8826**	**1,665.8826**	**0.5388**		**1,679.3521**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.6911	0.3647	6.8300e-003	0.1989	0.0143	0.2132	0.0545	0.0137	0.0682		734.9809	734.9809	0.0131	0.1161	769.8984
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0196	0.2160	5.7000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		57.2443	57.2443	2.0000e-003	1.8300e-003	57.8390
Total	**0.0533**	**1.7107**	**0.5807**	**7.4000e-003**	**0.2646**	**0.0147**	**0.2793**	**0.0719**	**0.0141**	**0.0860**		**792.2252**	**792.2252**	**0.0151**	**0.1179**	**827.7374**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2832	0.0000	6.2832	3.0068	0.0000	3.0068			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437	0.0000	1,665.8826	1,665.8826	0.5388		1,679.3521
Total	**1.1067**	**11.8407**	**6.6317**	**0.0172**	**6.2832**	**0.4823**	**6.7654**	**3.0068**	**0.4437**	**3.4504**	**0.0000**	**1,665.8826**	**1,665.8826**	**0.5388**		**1,679.3521**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.6911	0.3647	6.8300e-003	0.1989	0.0143	0.2132	0.0545	0.0137	0.0682		734.9809	734.9809	0.0131	0.1161	769.8984
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0196	0.2160	5.7000e-004	0.0657	4.0000e-004	0.0661	0.0174	3.7000e-004	0.0178		57.2443	57.2443	2.0000e-003	1.8300e-003	57.8390
Total	**0.0533**	**1.7107**	**0.5807**	**7.4000e-003**	**0.2646**	**0.0147**	**0.2793**	**0.0719**	**0.0141**	**0.0860**		**792.2252**	**792.2252**	**0.0151**	**0.1179**	**827.7374**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.5803	1,995.5803	0.6454		2,011.7155
Total	**1.3015**	**13.8178**	**8.6998**	**0.0206**	**7.0826**	**0.5722**	**7.6548**	**3.4247**	**0.5265**	**3.9512**		**1,995.5803**	**1,995.5803**	**0.6454**		**2,011.7155**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0326	0.0245	0.2700	7.1000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.5553	71.5553	2.5000e-003	2.2800e-003	72.2987
Total	**0.0326**	**0.0245**	**0.2700**	**7.1000e-004**	**0.0822**	**5.0000e-004**	**0.0827**	**0.0218**	**4.6000e-004**	**0.0223**		**71.5553**	**71.5553**	**2.5000e-003**	**2.2800e-003**	**72.2987**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.5803	1,995.5803	0.6454		2,011.7155
Total	**1.3015**	**13.8178**	**8.6998**	**0.0206**	**7.0826**	**0.5722**	**7.6548**	**3.4247**	**0.5265**	**3.9512**	**0.0000**	**1,995.5803**	**1,995.5803**	**0.6454**		**2,011.7155**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0326	0.0245	0.2700	7.1000e-004	0.0822	5.0000e-004	0.0827	0.0218	4.6000e-004	0.0223		71.5553	71.5553	2.5000e-003	2.2800e-003	72.2987
Total	**0.0326**	**0.0245**	**0.2700**	**7.1000e-004**	**0.0822**	**5.0000e-004**	**0.0827**	**0.0218**	**4.6000e-004**	**0.0223**		**71.5553**	**71.5553**	**2.5000e-003**	**2.2800e-003**	**72.2987**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564		1,995.7975	1,995.7975	0.6455		2,011.9345
Total	**1.1904**	**12.4243**	**8.4937**	**0.0206**	**7.0826**	**0.4961**	**7.5787**	**3.4247**	**0.4564**	**3.8811**		**1,995.7975**	**1,995.7975**	**0.6455**		**2,011.9345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0305	0.0219	0.2506	6.9000e-004	0.0822	4.7000e-004	0.0826	0.0218	4.4000e-004	0.0222		69.2420	69.2420	2.2700e-003	2.1200e-003	69.9310
Total	**0.0305**	**0.0219**	**0.2506**	**6.9000e-004**	**0.0822**	**4.7000e-004**	**0.0826**	**0.0218**	**4.4000e-004**	**0.0222**		**69.2420**	**69.2420**	**2.2700e-003**	**2.1200e-003**	**69.9310**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.1904	12.4243	8.4937	0.0206		0.4961	0.4961		0.4564	0.4564	0.0000	1,995.7975	1,995.7975	0.6455		2,011.9345
Total	**1.1904**	**12.4243**	**8.4937**	**0.0206**	**7.0826**	**0.4961**	**7.5787**	**3.4247**	**0.4564**	**3.8811**	**0.0000**	**1,995.7975**	**1,995.7975**	**0.6455**		**2,011.9345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0305	0.0219	0.2506	6.9000e-004	0.0822	4.7000e-004	0.0826	0.0218	4.4000e-004	0.0222		69.2420	69.2420	2.2700e-003	2.1200e-003	69.9310
Total	**0.0305**	**0.0219**	**0.2506**	**6.9000e-004**	**0.0822**	**4.7000e-004**	**0.0826**	**0.0218**	**4.4000e-004**	**0.0222**		**69.2420**	**69.2420**	**2.2700e-003**	**2.1200e-003**	**69.9310**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	**1.3246**	**10.4128**	**12.4393**	**0.0221**		**0.3925**	**0.3925**		**0.3785**	**0.3785**		**2,002.1524**	**2,002.1524**	**0.3269**		**2,010.3248**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.4543	0.1377	1.8100e-003	0.0609	2.8000e-003	0.0637	0.0175	2.6800e-003	0.0202		192.8940	192.8940	2.3400e-003	0.0282	201.3628
Worker	0.0732	0.0525	0.6014	1.6400e-003	0.1972	1.1400e-003	0.1983	0.0523	1.0500e-003	0.0533		166.1807	166.1807	5.4400e-003	5.0900e-003	167.8344
Total	**0.0844**	**0.5068**	**0.7391**	**3.4500e-003**	**0.2581**	**3.9400e-003**	**0.2620**	**0.0698**	**3.7300e-003**	**0.0736**		**359.0747**	**359.0747**	**7.7800e-003**	**0.0333**	**369.1973**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248
Total	**1.3246**	**10.4128**	**12.4393**	**0.0221**		**0.3925**	**0.3925**		**0.3785**	**0.3785**	**0.0000**	**2,002.1524**	**2,002.1524**	**0.3269**		**2,010.3248**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.4543	0.1377	1.8100e-003	0.0609	2.8000e-003	0.0637	0.0175	2.6800e-003	0.0202		192.8940	192.8940	2.3400e-003	0.0282	201.3628
Worker	0.0732	0.0525	0.6014	1.6400e-003	0.1972	1.1400e-003	0.1983	0.0523	1.0500e-003	0.0533		166.1807	166.1807	5.4400e-003	5.0900e-003	167.8344
Total	**0.0844**	**0.5068**	**0.7391**	**3.4500e-003**	**0.2581**	**3.9400e-003**	**0.2620**	**0.0698**	**3.7300e-003**	**0.0736**		**359.0747**	**359.0747**	**7.7800e-003**	**0.0333**	**369.1973**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.8096	1,297.8096	0.4114		1,308.0951
Paving	0.1622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7354**	**5.3259**	**8.7951**	**0.0136**		**0.2465**	**0.2465**		**0.2276**	**0.2276**		**1,297.8096**	**1,297.8096**	**0.4114**		**1,308.0951**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0284	0.3258	8.9000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		90.0145	90.0145	2.9500e-003	2.7600e-003	90.9103
Total	**0.0397**	**0.0284**	**0.3258**	**8.9000e-004**	**0.1068**	**6.2000e-004**	**0.1074**	**0.0283**	**5.7000e-004**	**0.0289**		**90.0145**	**90.0145**	**2.9500e-003**	**2.7600e-003**	**90.9103**

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.8096	1,297.8096	0.4114		1,308.0951
Paving	0.1622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.7354**	**5.3259**	**8.7951**	**0.0136**		**0.2465**	**0.2465**		**0.2276**	**0.2276**	**0.0000**	**1,297.8096**	**1,297.8096**	**0.4114**		**1,308.0951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0284	0.3258	8.9000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		90.0145	90.0145	2.9500e-003	2.7600e-003	90.9103
Total	**0.0397**	**0.0284**	**0.3258**	**8.9000e-004**	**0.1068**	**6.2000e-004**	**0.1074**	**0.0283**	**5.7000e-004**	**0.0289**		**90.0145**	**90.0145**	**2.9500e-003**	**2.7600e-003**	**90.9103**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.525994	0.052186	0.192239	0.149775	0.026316	0.006656	0.010786	0.006782	0.001528	0.000490	0.022990	0.001400	0.002856

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Unmitigated	0.0265	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004

Prunedale Roundabout - Monterey County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.4700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**		**3.0000e-004**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.4700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0201					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.8000e-004	2.8000e-004	0.0000		3.0000e-004
Total	**0.0265**	**0.0000**	**1.3000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.8000e-004**	**2.8000e-004**	**0.0000**		**3.0000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX B

CNDDB and CNPS Species Lists

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE **RareFind**

Query Summary:
Quad IS (Prunedale (3612176) OR Watsonville East (3612186) OR Salinas (3612166) OR Marina (3612167) OR Moss Landing (3612177) OR Watsonville West (3612187) OR Chittenden (3612185) OR San Juan Bautista (3612175) OR Natividad (3612165))

Print Close

CNDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Accipiter cooperii	Cooper's hawk	Birds	ABNKC12040	118	2	None	None	G5	S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Cismontane woodland, Riparian forest, Riparian woodland, Upper montane coniferous forest
Agelaius tricolor	tricolored blackbird	Birds	ABPBXB0020	957	18	None	Threatened	G1G2	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_EN-Endangered, USFWS_BCC-Birds of Conservation Concern	Freshwater marsh, Marsh & swamp, Swamp, Wetland
Agrostis lacuna-vernalis	vernal pool bent grass	Monocots	PMPOA041N0	3	3	None	None	G1	S1	1B.1	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden	Vernal pool, Wetland
Allium hickmanii	Hickman's onion	Monocots	PMLIL02140	32	2	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden, USFS_S-Sensitive	Chaparral, Closed-cone coniferous forest, Coastal prairie, Coastal scrub, Valley & foothill grassland
Ambystoma californiense pop. 1	California tiger salamander - central California DPS	Amphibians	AAAAA01181	1273	58	Threatened	Threatened	G2G3T3	S3	null	CDFW_WL-Watch List, IUCN_VU-Vulnerable	Cismontane woodland, Meadow & seep, Riparian woodland, Valley & foothill grassland, Vernal pool, Wetland
Ambystoma macrodactylum croceum	Santa Cruz long-toed salamander	Amphibians	AAAAA01082	29	28	Endangered	Endangered	G5T1T2	S2	null	CDFW_FP-Fully Protected	Freshwater marsh, Marsh & swamp, Wetland
Aneides niger	Santa Cruz black salamander	Amphibians	AAAAD01070	78	2	None	None	G3	S3	null	CDFW_SSC-Species of Special Concern	null
Anniella pulchra	Northern California legless lizard	Reptiles	ARACC01020	386	36	None	None	G3	S2S3	null	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Chaparral, Coastal dunes, Coastal scrub
Antrozous pallidus	pallid bat	Mammals	AMACC10010	420	2	None	None	G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive	Chaparral, Coastal scrub, Desert wash, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Riparian woodland, Sonoran desert scrub, Upper montane coniferous forest, Valley & foothill grassland
Aquila chrysaetos	golden eagle	Birds	ABNKC22010	325	1	None	None	G5	S3	null	BLM_S-Sensitive, CDF_S-Sensitive, CDFW_FP-Fully Protected, CDFW_WL-Watch	Broadleaved upland forest, Cismontane woodland, Coastal prairie, Great Basin

											List, IUCN_LC-Least Concern	grassland, Great Basin scrub, Lower montane coniferous forest, Pinon & juniper woodlands, Upper montane coniferous forest, Valley & foothill grassland
Arctostaphylos andersonii	Anderson's manzanita	Dicots	PDERI04030	64	2	None	None	G2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCSC-UC Santa Cruz	Broadleaved upland forest, Chaparral, North coast coniferous forest
Arctostaphylos hookeri ssp. hookeri	Hooker's manzanita	Dicots	PDERI040J1	24	9	None	None	G3T2	S2	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Coastal scrub
Arctostaphylos montereyensis	Toro manzanita	Dicots	PDERI040R0	18	3	None	None	G2?	S2?	1B.2	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Cismontane woodland, Coastal scrub
Arctostaphylos pajaroensis	Pajaro manzanita	Dicots	PDERI04100	28	22	None	None	G1	S1	1B.1	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Chaparral
Arctostaphylos pumila	sandmat manzanita	Dicots	PDERI04180	17	6	None	None	G1	S1	1B.2	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Coastal dunes, Coastal scrub
Asio flammeus	short-eared owl	Birds	ABNSB13040	11	1	None	None	G5	S2	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Great Basin grassland, Marsh & swamp, Meadow & seep, Valley & foothill grassland, Wetland
Astragalus tener var. tener	alkali milk-vetch	Dicots	PDFAB0F8R1	65	1	None	None	G2T1	S1	1B.2	SB_UCSC-UC Santa Cruz	Alkali playa, Valley & foothill grassland, Vernal pool, Wetland
Athene cunicularia	burrowing owl	Birds	ABNSB10010	2011	13	None	None	G4	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Coastal prairie, Coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, Valley & foothill grassland
Bombus caliginosus	obscure bumble bee	Insects	IIHYM24380	181	2	None	None	G2G3	S1S2	null	IUCN_VU-Vulnerable	null
Bombus crotchii	Crotch bumble bee	Insects	IIHYM24480	437	2	None	Candidate Endangered	G2	S2	null	IUCN_EN-Endangered	null
Bombus occidentalis	western bumble bee	Insects	IIHYM24252	306	9	None	Candidate Endangered	G3	S1	null	IUCN_VU-Vulnerable, USFS_S-Sensitive	null
Bombus pensylvanicus	American bumble bee	Insects	IIHYM24260	225	1	None	None	G3G4	S2	null	IUCN_VU-Vulnerable	Coastal prairie, Great Basin grassland, Valley & foothill grassland
Buteo regalis	ferruginous hawk	Birds	ABNKC19120	107	1	None	None	G4	S3S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Great Basin grassland, Great Basin scrub, Pinon & juniper woodlands, Valley & foothill grassland
Castilleja ambigua var. insalutata	pink Johnny-nip	Dicots	PDSCR0D403	9	1	None	None	G4T2	S2	1B.1	BLM_S-Sensitive	Coastal bluff scrub, Coastal prairie
Castilleja rubicundula var. rubicundula	pink creamsacs	Dicots	PDSCR0D482	42	1	None	None	G5T2	S2	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Chaparral, Cismontane woodland,

												Meadow & seep, Ultramafic, Valley & foothill grassland
Central Dune Scrub	Central Dune Scrub	Dune	CTT21320CA	24	4	None	None	G2	S2.2	null	null	Coastal dunes
Central Maritime Chaparral	Central Maritime Chaparral	Scrub	CTT37C20CA	19	2	None	None	G2	S2.2	null	null	Chaparral
Centromadia parryi ssp. congdonii	Congdon's tarplant	Dicots	PDAST4R0P1	96	15	None	None	G3T2	S2	1B.1	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Valley & foothill grassland
Charadrius nivosus nivosus	western snowy plover	Birds	ABNNB03031	138	11	Threatened	None	G3T3	S3	null	CDFW_SSC-Species of Special Concern	Great Basin standing waters, Sand shore, Wetland
Chorizanthe minutiflora	Fort Ord spineflower	Dicots	PDPGN04100	5	4	None	None	G1	S1	1B.2	SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Coastal scrub
Chorizanthe pungens var. pungens	Monterey spineflower	Dicots	PDPGN040M2	51	38	Threatened	None	G2T2	S2	1B.2	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley	Chaparral, Cismontane woodland, Coastal dunes, Coastal scrub, Valley & foothill grassland
Chorizanthe robusta var. robusta	robust spineflower	Dicots	PDPGN040Q2	20	9	Endangered	None	G2T1	S1	1B.1	null	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal dunes
Coastal Brackish Marsh	Coastal Brackish Marsh	Marsh	CTT52200CA	30	1	None	None	G2	S2.1	null	null	Marsh & swamp, Wetland
Coastal and Valley Freshwater Marsh	Coastal and Valley Freshwater Marsh	Marsh	CTT52410CA	60	3	None	None	G3	S2.1	null	null	Marsh & swamp, Wetland
Coelus globosus	globose dune beetle	Insects	IICOL4A010	50	3	None	None	G1G2	S1S2	null	IUCN_VU-Vulnerable	Coastal dunes
Cordylanthus rigidus ssp. littoralis	seaside bird's-beak	Dicots	PDSCR0J0P2	40	8	None	Endangered	G5T2	S2	1B.1	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Coastal dunes, Coastal scrub
Corynorhinus townsendii	Townsend's big-eared bat	Mammals	AMACC08010	635	2	None	None	G4	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive	Broadleaved upland forest, Chaparral, Chenopod scrub, Great Basin grassland, Great Basin scrub, Joshua tree woodland, Lower montane coniferous forest, Meadow & seep, Mojavean desert scrub, Riparian forest, Riparian woodland, Sonoran desert scrub, Sonoran thorn woodland, Upper montane coniferous forest, Valley & foothill grassland
Coturnicops noveboracensis	yellow rail	Birds	ABNME01010	45	1	None	None	G4	S2	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, USFWS_BCC-Birds of Conservation Concern	Freshwater marsh, Meadow & seep
Danaus plexippus plexippus pop. 1	monarch - California	Insects	IILEPP2012	396	5	Candidate	None	G4T1T2Q	S2	null	IUCN_EN-Endangered, USFS_S-Sensitive	Closed-cone coniferous forest

	overwintering population											
Dicamptodon ensatus	California giant salamander	Amphibians	AAAAH01020	234	2	None	None	G2G3	S2S3	null	CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	Aquatic, Meadow & seep, North coast coniferous forest, Riparian forest
Dipodomys venustus venustus	Santa Cruz kangaroo rat	Mammals	AMAFD03042	29	2	None	None	G4T1	S1	null	null	Chaparral
Elanus leucurus	white-tailed kite	Birds	ABNKC06010	184	2	None	None	G5	S3S4	null	BLM_S-Sensitive, CDFW_FP-Fully Protected, IUCN_LC-Least Concern	Cismontane woodland, Marsh & swamp, Riparian woodland, Valley & foothill grassland, Wetland
Emys marmorata	western pond turtle	Reptiles	ARAAD02030	1518	22	None	None	G3G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive	Aquatic, Artificial flowing waters, Klamath/North coast flowing waters, Klamath/North coast standing waters, Marsh & swamp, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters, South coast flowing waters, South coast standing waters, Wetland
Eremophila alpestris actia	California horned lark	Birds	ABPAT02011	94	3	None	None	G5T4Q	S4	null	CDFW_WL-Watch List, IUCN_LC-Least Concern	Marine intertidal & splash zone communities, Meadow & seep
Ericameria fasciculata	Eastwood's goldenbush	Dicots	PDAST3L080	23	16	None	None	G2	S2	1B.1	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Chaparral, Closed-cone coniferous forest, Coastal dunes, Coastal scrub
Eriogonum nortonii	Pinnacles buckwheat	Dicots	PDPGN08470	36	1	None	None	G2	S2	1B.3	BLM_S-Sensitive	Chaparral, Valley & foothill grassland
Eryngium aristulatum var. hooveri	Hoover's button-celery	Dicots	PDAPI0Z043	16	1	None	None	G5T1	S1	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Vernal pool, Wetland
Erysimum ammophilum	sand-loving wallflower	Dicots	PDBRA16010	58	14	None	None	G2	S2	1B.2	SB_CRES-San Diego Zoo CRES Native Gene Seed Bank, SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Coastal dunes, Coastal scrub
Erysimum menziesii	Menzies' wallflower	Dicots	PDBRA160R0	19	4	Endangered	Endangered	G1	S1	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley	Coastal dunes
Eucyclogobius newberryi	tidewater goby	Fish	AFCQN04010	127	4	Endangered	None	G3	S3	null	AFS_EN-Endangered, IUCN_NT-Near Threatened	Aquatic, Klamath/North coast flowing waters, Sacramento/San Joaquin flowing waters, South coast flowing waters
Euphilotes enoptes smithi	Smith's blue butterfly	Insects	IILEPG2026	68	5	Endangered	None	G5T2	S2	null	null	Coastal dunes, Coastal scrub
Falco peregrinus anatum	American peregrine falcon	Birds	ABNKD06071	73	1	Delisted	Delisted	G4T4	S3S4	null	CDF_S-Sensitive	null
Fritillaria liliacea	fragrant fritillary	Monocots	PMLIL0V0C0	82	4	None	None	G2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic	Cismontane woodland, Coastal prairie,

											Garden, USFS_S-Sensitive	Coastal scrub, Ultramafic, Valley & foothill grassland
Gilia tenuiflora ssp. arenaria	Monterey gilia	Dicots	PDPLM041P2	29	17	Endangered	Threatened	G3G4T2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Coastal dunes, Coastal scrub
Gonidea angulata	western ridged mussel	Mollusks	IMBIV19010	158	1	None	None	G3	S2	null	IUCN_VU-Vulnerable	Aquatic
Helminthoglypta sequoicola consors	redwood shoulderband	Mollusks	IMGASC2421	1	1	None	None	G2T1	S1	null	IUCN_DD-Data Deficient	Coastal scrub
Hoita strobilina	Loma Prieta hoita	Dicots	PDFAB5Z030	34	1	None	None	G2?	S2?	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Riparian woodland, Ultramafic
Holocarpha macradenia	Santa Cruz tarplant	Dicots	PDAST4X020	37	11	Threatened	Endangered	G1	S1	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley	Coastal prairie, Coastal scrub, Valley & foothill grassland
Horkelia cuneata var. sericea	Kellogg's horkelia	Dicots	PDROS0W043	58	11	None	None	G4T1?	S1?	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCSC-UC Santa Cruz, USFS_S-Sensitive	Chaparral, Closed-cone coniferous forest, Coastal dunes, Coastal scrub
Horkelia marinensis	Point Reyes horkelia	Dicots	PDROS0W0B0	36	1	None	None	G2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCSC-UC Santa Cruz	Coastal dunes, Coastal prairie, Coastal scrub
Lasiurus cinereus	hoary bat	Mammals	AMACC05032	238	3	None	None	G3G4	S4	null	IUCN_LC-Least Concern	Broadleaved upland forest, Cismontane woodland, Lower montane coniferous forest, North coast coniferous forest
Lasthenia conjugens	Contra Costa goldfields	Dicots	PDAST5L040	36	3	Endangered	None	G1	S1	1B.1	SB_UCBG-UC Botanical Garden at Berkeley	Alkali playa, Cismontane woodland, Valley & foothill grassland, Vernal pool, Wetland
Lavinia exilicauda harengus	Monterey hitch	Fish	AFCJB19013	2	2	None	None	G4T3	S3	null	CDFW_SSC-Species of Special Concern	Aquatic, Klamath/North coast flowing waters, Klamath/North coast standing waters, Riparian forest
Legenere limosa	legenere	Dicots	PDCAM0C010	83	1	None	None	G2	S2	1B.1	BLM_S-Sensitive, SB_UCBG-UC Botanical Garden at Berkeley	Vernal pool, Wetland
Linderiella occidentalis	California linderiella	Crustaceans	ICBRA06010	508	3	None	None	G2G3	S2S3	null	IUCN_NT-Near Threatened	Vernal pool
Microseris paludosa	marsh microseris	Dicots	PDAST6E0D0	38	3	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden, SB_UCSC-UC Santa Cruz	Cismontane woodland, Closed-cone coniferous forest, Coastal scrub, Valley & foothill grassland
Monardella sinuata ssp. nigrescens	northern curly-leaved monardella	Dicots	PDLAM18162	25	4	None	None	G3T2	S2	1B.2	SB_SBBG-Santa Barbara Botanic Garden	Chaparral, Coastal dunes, Coastal scrub, Lower montane coniferous forest
Monolopia gracilens	woodland woollythreads	Dicots	PDAST6G010	70	4	None	None	G3	S3	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Broadleaved upland forest, Chaparral, Cismontane woodland, North

												coast coniferous forest, Ultramafic, Valley & foothill grassland
Neotoma macrotis luciana	Monterey dusky-footed woodrat	Mammals	AMAFF08083	8	1	None	None	G5T3	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern	Broadleaved upland forest, Chaparral
Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	Marsh	CTT52110CA	53	3	None	None	G3	S3.2	null	null	Marsh & swamp, Wetland
Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	Fish	AFCHA0209G	44	1	Threatened	None	G5T3Q	S3	null	AFS_TH-Threatened	Aquatic, Sacramento/San Joaquin flowing waters
Oncorhynchus mykiss irideus pop. 9	steelhead - south-central California coast DPS	Fish	AFCHA0209H	42	2	Threatened	None	G5T2Q	S2	null	AFS_TH-Threatened	Aquatic, Sacramento/San Joaquin flowing waters, South coast flowing waters
Optioservus canus	Pinnacles optioservus riffle beetle	Insects	IICOL5E020	11	1	None	None	G2	S1	null	null	Aquatic
Pedicularis dudleyi	Dudley's lousewort	Dicots	PDSCR1K180	7	1	None	Rare	G2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCSC-UC Santa Cruz, USFS_S-Sensitive	Chaparral, Cismontane woodland, North coast coniferous forest, Redwood, Valley & foothill grassland
Phrynosoma blainvillii	coast horned lizard	Reptiles	ARACF12100	784	5	None	None	G4	S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal scrub, Desert wash, Pinon & juniper woodlands, Riparian scrub, Riparian woodland, Valley & foothill grassland
Piperia yadonii	Yadon's rein orchid	Monocots	PMORC1X070	26	8	Endangered	None	G1	S1	1B.1	null	Chaparral, Closed-cone coniferous forest, Coastal bluff scrub
Plagiobothrys chorisianus var. chorisianus	Choris' popcornflower	Dicots	PDBOR0V061	42	4	None	None	G3T1Q	S1	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Chaparral, Coastal prairie, Coastal scrub
Plagiobothrys diffusus	San Francisco popcornflower	Dicots	PDBOR0V080	17	2	None	Endangered	G1Q	S1	1B.1	SB_UCSC-UC Santa Cruz	Coastal prairie, Valley & foothill grassland
Puccinellia simplex	California alkali grass	Monocots	PMPOA53110	80	2	None	None	G2	S2	1B.2	BLM_S-Sensitive	Chenopod scrub, Meadow & seep, Valley & foothill grassland, Vernal pool
Rallus obsoletus obsoletus	California Ridgway's rail	Birds	ABNME05011	99	1	Endangered	Endangered	G3T1	S2	null	CDFW_FP-Fully Protected	Brackish marsh, Marsh & swamp, Salt marsh, Wetland
Rana boylii pop. 4	foothill yellow-legged frog - central coast DPS	Amphibians	AAABH01054	178	2	Threatened	Endangered	G3T2	S2	null	BLM_S-Sensitive, USFS_S-Sensitive	Aquatic, Riparian forest, Riparian scrub, Riparian woodland, South coast flowing waters
Rana draytonii	California red-legged frog	Amphibians	AAABH01022	1692	79	Threatened	None	G2G3	S2S3	null	CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable	Aquatic, Artificial flowing waters, Artificial standing waters, Freshwater marsh, Marsh & swamp, Riparian forest, Riparian scrub, Riparian woodland, Sacramento/San Joaquin flowing

												waters, Sacramento/San Joaquin standing waters, South coast flowing waters, South coast standing waters, Wetland
Reithrodontomys megalotis distichlis	Salinas harvest mouse	Mammals	AMAFF02032	7	6	None	None	G5T1	S2	null	null	Marsh & swamp, Wetland
Riparia riparia	bank swallow	Birds	ABPAU08010	299	5	None	Threatened	G5	S3	null	BLM_S-Sensitive, IUCN_LC-Least Concern	Riparian scrub, Riparian woodland
Rosa pinetorum	pine rose	Dicots	PDROS1J0W0	14	1	None	None	G2	S2	1B.2	null	Cismontane woodland, Closed-cone coniferous forest
Sorex ornatus salarius	Monterey shrew	Mammals	AMABA01105	6	2	None	None	G5T1T2	S1S2	null	CDFW_SSC-Species of Special Concern	null
Spea hammondii	western spadefoot	Amphibians	AAABF02020	1444	1	None	None	G2G3	S3S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	Cismontane woodland, Coastal scrub, Valley & foothill grassland, Vernal pool, Wetland
Spirinchus thaleichthys	longfin smelt	Fish	AFCHB03010	46	1	Candidate	Threatened	G5	S1	null	IUCN_LC-Least Concern	Aquatic, Estuary
Streptanthus albidus ssp. peramoenus	most beautiful jewelflower	Dicots	PDBRA2G012	103	1	None	None	G2T2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley, USFS_S-Sensitive	Chaparral, Cismontane woodland, Ultramafic, Valley & foothill grassland
Taricha torosa	Coast Range newt	Amphibians	AAAAF02032	88	2	None	None	G4	S4	null	CDFW_SSC-Species of Special Concern	null
Taxidea taxus	American badger	Mammals	AMAJF04010	594	6	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Alkali marsh, Alkali playa, Alpine, Alpine dwarf scrub, Bog & fen, Brackish marsh, Broadleaved upland forest, Chaparral, Chenopod scrub, Cismontane woodland, Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub, Desert dunes, Desert wash, Freshwater marsh, Great Basin grassland, Great Basin scrub, Interior dunes, Ione formation, Joshua tree woodland, Limestone, Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Mojavean desert scrub, Montane dwarf scrub, North coast coniferous forest, Oldgrowth, Pavement plain, Redwood, Riparian forest,

												Riparian scrub, Riparian woodland, Salt marsh, Sonoran desert scrub, Sonoran thorn woodland, Ultramafic, Upper montane coniferous forest, Upper Sonoran scrub, Valley & foothill grassland
Trifolium buckwestiorum	Santa Cruz clover	Dicots	PDFAB402W0	64	4	None	None	G2	S2	1B.1	BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden, SB_UCSC-UC Santa Cruz, SB_USDA-US Dept of Agriculture	Broadleaved upland forest, Cismontane woodland, Coastal prairie
Trifolium hydrophilum	saline clover	Dicots	PDFAB400R5	56	6	None	None	G2	S2	1B.2	null	Marsh & swamp, Valley & foothill grassland, Vernal pool, Wetland
Tryonia imitator	mimic tryonia (=California brackishwater snail)	Mollusks	IMGASJ7040	39	9	None	None	G2	S2	null	IUCN_DD-Data Deficient	Aquatic, Brackish marsh, Estuary, Lagoon, Marsh & swamp, Salt marsh, Wetland
Vireo bellii pusillus	least Bell's vireo	Birds	ABPBW01114	505	3	Endangered	Endangered	G5T2	S3	null	null	Riparian forest, Riparian scrub, Riparian woodland

CALIFORNIA NATIVE PLANT SOCIETY

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▲ SCIENTIFIC NAME	COMMON NAME	FAMILY	LIFEFORM	BLOOMING PERIOD	FED LIST	STATE LIST	GLOBAL RANK	STATE RANK	CA RARE PLANT RANK	CA ENDEMIC	DATE ADDED	PHOTO
Abronia maritima	red sand-verbena	Nyctaginaceae	perennial herb	Feb-Nov	None	None	G4	S3?	4.2		1994-01-01	 ©2003 Christopher L. Christie
Agrostis lacuna-vernalis	vernal pool bent grass	Poaceae	annual herb	Apr-May	None	None	G1	S1	1B.1	Yes	2012-06-14	 © 2019 Aaron Schusteff
Allium hickmanii	Hickman's onion	Alliaceae	perennial bulbiferous herb	Mar-May	None	None	G2	S2	1B.2	Yes	1974-01-01	 © 2017 Dylan Neubauer
Arctostaphylos andersonii	Anderson's manzanita	Ericaceae	perennial evergreen shrub	Nov-May	None	None	G2	S2	1B.2	Yes	1974-01-01	 © 2018 Jason Matthias Mills
Arctostaphylos hookeri ssp. *hookeri*	Hooker's manzanita	Ericaceae	perennial evergreen shrub	Jan-Jun	None	None	G3T2	S2	1B.2	Yes	1984-01-01	 © 2011 Chris Winchell
Arctostaphylos montereyensis	Toro manzanita	Ericaceae	perennial evergreen shrub	Feb-Mar	None	None	G2?	S2?	1B.2	Yes	1974-01-01	 © 2018 Susan McDougall

Arctostaphylos pajaroensis	Pajaro manzanita	Ericaceae	perennial evergreen shrub	Dec-Mar	None	None	G1	S1	1B.1	Yes	1974-01-01	No Photo Available
Arctostaphylos pumila	sandmat manzanita	Ericaceae	perennial evergreen shrub	Feb-May	None	None	G1	S1	1B.2	Yes	1974-01-01	No Photo Available
Astragalus nuttallii var. *nuttallii*	ocean bluff milk-vetch	Fabaceae	perennial herb	Jan-Nov	None	None	G4T4	S4	4.2	Yes	2001-01-01	No Photo Available
Astragalus tener var. *tener*	alkali milk-vetch	Fabaceae	annual herb	Mar-Jun	None	None	G2T1	S1	1B.2	Yes	1994-01-01	No Photo Available
Calandrinia breweri	Brewer's calandrinia	Montiaceae	annual herb	(Jan)Mar-Jun	None	None	G4	S4	4.2		1994-01-01	No Photo Available
Calochortus uniflorus	pink star-tulip	Liliaceae	perennial bulbiferous herb	Apr-Jun	None	None	G4	S4	4.2		2010-03-04	 © 2021 Scot Loring
Castilleja ambigua var. *insalutata*	pink Johnny-nip	Orobanchaceae	annual herb (hemiparasitic)	May-Aug	None	None	G4T2	S2	1B.1	Yes	2010-03-09	No Photo Available
Castilleja latifolia	Monterey Coast paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	Feb-Sep	None	None	G4	S4	4.3	Yes	1974-01-01	No Photo Available
Castilleja rubicundula var. *rubicundula*	pink creamsacs	Orobanchaceae	annual herb (hemiparasitic)	Apr-Jun	None	None	G5T2	S2	1B.2	Yes	2001-01-01	 ©2010 Vernon Smith
Ceanothus rigidus	Monterey ceanothus	Rhamnaceae	perennial evergreen shrub	Feb-Apr(Jun)	None	None	G4	S4	4.2	Yes	1974-01-01	No Photo Available
Centromadia parryi ssp. *congdonii*	Congdon's tarplant	Asteraceae	annual herb	May-Oct(Nov)	None	None	G3T2	S2	1B.1	Yes	1994-01-01	No Photo Available
Chorizanthe douglasii	Douglas' spineflower	Polygonaceae	annual herb	Apr-Jul	None	None	G4	S4	4.3	Yes	1974-01-01	No Photo Available
Chorizanthe minutiflora	Fort Ord spineflower	Polygonaceae	annual herb	Apr-Jul	None	None	G1	S1	1B.2	Yes	2017-01-17	 © 2019 Aaron Schusteff
Chorizanthe pungens var. *pungens*	Monterey spineflower	Polygonaceae	annual herb	Apr-Jun(Jul-Aug)	FT	None	G2T2	S2	1B.2	Yes	1980-01-01	No Photo Available

Chorizanthe robusta var. *robusta*	robust spineflower	Polygonaceae	annual herb	Apr-Sep	FE	None	G2T1	S1	1B.1	Yes	1980-01-01	No Photo Available
Clarkia lewisii	Lewis' clarkia	Onagraceae	annual herb	(Feb)May-Jul	None	None	G4	S4	4.3	Yes	1980-01-01	No Photo Available
Cordylanthus rigidus ssp. *littoralis*	seaside bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	Apr-Oct	None	CE	G5T2	S2	1B.1	Yes	1980-01-01	No Photo Available
Corethrogyne leucophylla	branching beach aster	Asteraceae	perennial herb	May-Dec	None	None	G3Q	S3	3.2	Yes	1974-01-01	No Photo Available
Elymus californicus	California bottle-brush grass	Poaceae	perennial herb	May-Aug(Nov)	None	None	G4	S4	4.3	Yes	1974-01-01	No Photo Available
Eriastrum virgatum	virgate eriastrum	Polemoniaceae	annual herb	May-Jul	None	None	G3	S3	4.3	Yes	1974-01-01	No Photo Available
Ericameria fasciculata	Eastwood's goldenbush	Asteraceae	perennial evergreen shrub	Jul-Oct	None	None	G2	S2	1B.1	Yes	1974-01-01	No Photo Available
Eriogonum nortonii	Pinnacles buckwheat	Polygonaceae	annual herb	(Apr)Aug(Sep)May-Jun	None	None	G2	S2	1B.3	Yes	1974-01-01	No Photo Available
Eriogonum nudum var. *indictum*	protruding buckwheat	Polygonaceae	perennial herb	(Apr)May-Oct(Dec)	None	None	G5T4	S4	4.2	Yes	1994-01-01	No Photo Available
Eryngium aristulatum var. *hooveri*	Hoover's button-celery	Apiaceae	annual/perennial herb	(Jun)Jul(Aug)	None	None	G5T1	S1	1B.1	Yes	1984-01-01	No Photo Available
Eryngium montereyense	Fort Ord button-celery	Apiaceae	perennial herb	Mar-May	None	None	G1	S1	1B.1		2023-02-08	No Photo Available
Erysimum ammophilum	sand-loving wallflower	Brassicaceae	perennial herb	Feb-Jun(Jul-Aug)	None	None	G2	S2	1B.2	Yes	1974-01-01	No Photo Available
Erysimum menziesii	Menzies' wallflower	Brassicaceae	perennial herb	Mar-Sep	FE	CE	G1	S1	1B.1	Yes	1974-01-01	 ©2007 Steve Matson
Fritillaria agrestis	stinkbells	Liliaceae	perennial bulbiferous herb	Mar-Jun	None	None	G3	S3	4.2	Yes	1980-01-01	 © 2016 Aaron Schusteff

Fritillaria liliacea	fragrant fritillary	Liliaceae	perennial bulbiferous herb	Feb-Apr	None	None	G2	S2	1B.2	Yes	1974-01-01	 © 2004 Carol W. Witham
Gilia tenuiflora ssp. *arenaria*	Monterey gilia	Polemoniaceae	annual herb	Apr-Jun	FE	CT	G3G4T2	S2	1B.2	Yes	1980-01-01	 © 2021 Neal Kramer
Hoita strobilina	Loma Prieta hoita	Fabaceae	perennial herb	May-Jul(Aug-Oct)	None	None	G2?	S2?	1B.1	Yes	2001-01-01	 © 2004 Janell Hillman
Holocarpha macradenia	Santa Cruz tarplant	Asteraceae	annual herb	Jun-Oct	FT	CE	G1	S1	1B.1	Yes	1974-01-01	 © 2011 Dylan Neubauer
Horkelia cuneata var. *sericea*	Kellogg's horkelia	Rosaceae	perennial herb	Apr-Sep	None	None	G4T1?	S1?	1B.1	Yes	1988-01-01	 © 2018 Neal Kramer
Horkelia marinensis	Point Reyes horkelia	Rosaceae	perennial herb	May-Sep	None	None	G2	S2	1B.2	Yes	1974-01-01	 © 2017 John Doyen
Hosackia gracilis	harlequin lotus	Fabaceae	perennial rhizomatous herb	Mar-Jul	None	None	G3G4	S3	4.2		2004-01-01	 © 2015 John Doyen
Iris longipetala	coast iris	Iridaceae	perennial rhizomatous herb	Mar-May(Jun)	None	None	G3	S3	4.2	Yes	2006-10-12	 © 2014 Aaron Schusteff
Isocoma menziesii var. *diabolica*	Satan's goldenbush	Asteraceae	perennial shrub	Aug-Oct	None	None	G3G5T3	S3	4.2	Yes	1994-01-01	No Photo Available
Lasthenia conjugens	Contra Costa goldfields	Asteraceae	annual herb	Mar-Jun	FE	None	G1	S1	1B.1	Yes	1974-01-01	 © 2013 Neal Kramer

Legenere limosa	legenere	Campanulaceae	annual herb	Apr-Jun	None	None	G2	S2	1B.1	Yes	1974-01-01	 ©2000 John Game
Leptosiphon ambiguus	serpentine leptosiphon	Polemoniaceae	annual herb	Mar-Jun	None	None	G4	S4	4.2	Yes	1994-01-01	 © 2010 Aaron Schusteff
Leptosiphon grandiflorus	large-flowered leptosiphon	Polemoniaceae	annual herb	Apr-Aug	None	None	G3G4	S3S4	4.2	Yes	1994-01-01	 © 2003 Doreen L. Smith
Leptosiphon latisectus	broad-lobed leptosiphon	Polemoniaceae	annual herb	Apr-Jun	None	None	G4	S4	4.3	Yes	2001-01-01	 © 2015 Steve Matson
Lessingia hololeuca	woolly-headed lessingia	Asteraceae	annual herb	Jun-Oct	None	None	G2G3	S2S3	3	Yes	1994-01-01	 © 2015 Aaron Schusteff
Lessingia tenuis	spring lessingia	Asteraceae	annual herb	May-Jul	None	None	G4	S4	4.3	Yes	1974-01-01	 © 2020 Keir Morse
Lomatium parvifolium	small-leaved lomatium	Apiaceae	perennial herb	Jan-Jun	None	None	G3	S3	4.2	Yes	1974-01-01	No Photo Available
Microseris paludosa	marsh microseris	Asteraceae	perennial herb	Apr-Jun(Jul)	None	None	G2	S2	1B.2	Yes	2001-01-01	No Photo Available
Monardella sinuata ssp. *nigrescens*	northern curly-leaved monardella	Lamiaceae	annual herb	(Apr)May-Jul(Aug-Sep)	None	None	G3T2	S2	1B.2	Yes	2013-12-31	 © 2014 John Doyen
Monolopia gracilens	woodland woollythreads	Asteraceae	annual herb	(Feb)Mar-Jul	None	None	G3	S3	1B.2	Yes	2010-04-06	 © 2016 Richard Spellenberg
Pedicularis dudleyi	Dudley's lousewort	Orobanchaceae	perennial herb	Apr-Jun	None	CR	G2	S2	1B.2	Yes	1974-01-01	No Photo Available

Perideridia gairdneri ssp. *gairdneri*	Gairdner's yampah	Apiaceae	perennial herb	Jun-Oct	None	None	G5T3T4	S3S4	4.2	Yes	1974-01-01	 ©2007 Neal Kramer
Pinus radiata	Monterey pine	Pinaceae	perennial evergreen tree		None	None	G1	S1	1B.1		1974-01-01	No Photo Available
Piperia michaelii	Michael's rein orchid	Orchidaceae	perennial herb	Apr-Aug	None	None	G3	S3	4.2	Yes	1984-01-01	No Photo Available
Piperia yadonii	Yadon's rein orchid	Orchidaceae	perennial herb	(Feb)May-Aug	FE	None	G1	S1	1B.1	Yes	1994-01-01	No Photo Available
Plagiobothrys chorisianus var. *chorisianus*	Choris' popcornflower	Boraginaceae	annual herb	Mar-Jun	None	None	G3T1Q	S1	1B.2	Yes	1984-01-01	No Photo Available
Plagiobothrys chorisianus var. *hickmanii*	Hickman's popcornflower	Boraginaceae	annual herb	Apr-Jun	None	None	G3T3Q	S3	4.2	Yes	2001-01-01	No Photo Available
Plagiobothrys diffusus	San Francisco popcornflower	Boraginaceae	annual herb	Mar-Jun	None	CE	G1Q	S1	1B.1	Yes	1974-01-01	No Photo Available
Puccinellia simplex	California alkali grass	Poaceae	annual herb	Mar-May	None	None	G2	S2	1B.2		2015-10-15	 © 2017 Chris Winchell
Ranunculus lobbii	Lobb's aquatic buttercup	Ranunculaceae	annual herb (aquatic)	Feb-May	None	None	G4	S3	4.2		1974-01-01	No Photo Available
Rosa pinetorum	pine rose	Rosaceae	perennial shrub	May-Jul	None	None	G2	S2	1B.2	Yes	2001-01-01	No Photo Available
Streptanthus albidus ssp. *peramoenus*	most beautiful jewelflower	Brassicaceae	annual herb	(Mar)Apr-Sep(Oct)	None	None	G2T2	S2	1B.2	Yes	1988-01-01	 © 1994 Robert E. Preston, Ph.D.
Trifolium buckwestiorum	Santa Cruz clover	Fabaceae	annual herb	Apr-Oct	None	None	G2	S2	1B.1	Yes	1994-01-01	No Photo Available
Trifolium hydrophilum	saline clover	Fabaceae	annual herb	Apr-Jun	None	None	G2	S2	1B.2	Yes	2001-01-01	 © 2005 Dean Wm Taylor

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Suggested Citation:

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website https://www.rareplants.cnps.org [accessed 20 February 2024].

APPENDIX C

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prunedale Roundabout Project
Salinas, California

April 24, 2024

Prepared by:
Haro Environmental, Inc.
872 Higuera Street
San Luis Obispo, California
Project 6053-2024

In conjunction with:
SWCA Environmental Consultants
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Prepared for:

County of Monterey
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Prepared by:

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Principal Scientist

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (Phase I ESA) of the property identified as the Prunedale Roundabout Project (Project) located in Monterey County, California was performed by Haro Environmental in conjunction with SWCA Environmental Consultants (SWCA) for the County of Monterey. A site vicinity map is provided on Plate 1. Haro Environmental performed this Phase I ESA consistent with the American Society for Testing and Materials (ASTM) Practice E-1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard). Exceptions to, or deletions from, this practice are described in this report.

The purpose of this assessment was to identify known, potential or historic recognized environmental conditions (RECs) resulting from historic and/or current uses of hazardous substances or petroleum products at the Project Area. We understand the County of Monterey is planning to reconstruct the Project Area intersection with a roundabout and is interested in identifying environmental concerns associated with the Project Area. The findings of this environmental assessment are based on Haro Environmental's knowledge of the Project Area from observations and information gathered during this Phase I ESA.

The Project Area is an approximately 0.35-acre area currently developed with San Miguel Canyon Road and Castroville Boulevard. The Project will include partial take of a portion of Monterey County Assessor's Parcel Numbers 129-083-031, 129-051-033, and 127-361-007, and the area of potential effects (APE) will include additional parcels 127-361-026, 127-361-013, 127-361-014, and 127-361-015.

Haro Environmental contracted a government agency database search from Environmental Data Resources (EDR). Government agency database records are sources of information that may be helpful in evaluating activities that may have contributed to a release of hazardous substances or petroleum products to soil and/or groundwater. The Project Area and adjacent properties were not listed in the databases searched by EDR. Two nearby properties were listed within the approximate minimum search distances; however, based on the distance from the Project Area, these nearby listed properties would not be expected to pose an environmental concern to the Project Area.

A review of historic aerial photographs, topographic maps, and city directories listings show the Project Area has been developed with roads since at least 1915 (first topographic map reviewed), and had residential structures developed on properties adjacent to the Project area by at least 1917. The nearby structures appear to have been solely used for residence, and were only documented as residences in the city directories with exception to the county park on the southeast portion of the Project area. A seasonal

creek is depicted parallel to the east of San Miguel Canyon Road. No mapped oil wells are located within a 1-mile radius of the Project Area. A review of the National Pipeline Mapping System indicates one active natural gas pipeline is located approximately ½ mile north of Castroville Boulevard, running east to west; however, based on the distance from the Project Area and the contents, this pipeline is not expected to pose an environmental concern to the Site.

A reconnaissance of the Project Area was conducted by a Haro Environmental representative on January 5, 2024. During the reconnaissance, Haro Environmental did not observe hazardous materials or petroleum products at or adjacent to the Project Area that would be expected to pose an environmental concern to the Project.

Based on the data gathered and reviewed during this Phase I ESA, Haro Environmental did not identify recognized environmental conditions or concerns that have impacted, or pose a significant environmental threat to subsurface soil, soil vapor, or groundwater beneath the Project Area.

Because we have no evidence indicating that the Site has been impacted by hazardous materials or petroleum products, no additional assessment appears warranted at this time.

1.0 INTRODUCTION

This Phase I Environmental Site Assessment (Phase I ESA) of the property identified as the Prunedale Roundabout Project (Project) located in Monterey County, California was performed by Haro Environmental in conjunction with SWCA Environmental Consultants (SWCA) for the County of Monterey. A site vicinity map is provided on Plate 1. Haro Environmental performed this Phase I ESA consistent with the American Society for Testing and Materials (ASTM) Practice E-1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard). Exceptions to, or deletions from, this practice are described in Section 7.0 this report.

1.1 PURPOSE

This Phase I ESA was conducted in an effort to identify known, potential or historic recognized environmental conditions (RECs) resulting from historic and/or current uses of the Project Area. We understand this information will be used to qualify for the liability protections granted under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The ASTM Standard defines a REC as:

> "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions"

The ASTM Standard defines a historical REC as:

> "An environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently." For example, a historical REC could be identified if a past release of any hazardous substances or petroleum products has occurred in connection with the property and has

been remediated to the satisfaction of the lead regulatory agency as evidenced by a no further action letter or a case closure determination.

At the request of SWCA, on behalf of County of Monterey who we understand is planning to improve the Project Area with a roundabout, Haro Environmental has completed this Phase I ESA. This report is subject to the limitations presented in this Phase I ESA report.

This report describes Haro Environmental's assessment methodology, presents our findings, and provides our opinion as to the potential presence of RECs in connection with the Project Area.

1.2 SCOPE OF SERVICES

The scope of services conducted for this study included the following tasks:

- Perform an on-site reconnaissance to identify indicators of the existence of hazardous materials or petroleum products.

- Observe adjacent or nearby properties from the Project Area and public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials or petroleum products.

- Obtain and review an environmental records database search from Environmental Data Resources, Inc. (EDR) to acquire information about the potential for hazardous materials to exist at on-site or at nearby properties.

- Review the current U.S. Geological Survey (USGS) topographic map to obtain information about topography and uses of the Project Area and nearby properties.

- Review historic aerial photographs, topographic maps, and city directories listings to obtain information about historic uses of the Project Area and adjacent properties.

- Review California Division of Oil and Gas records to obtain information about historic oil and gas activity in the vicinity of the Project Area.

- Conduct interviews with persons familiar with the Project Area development and local and/or State government agencies to obtain information about current and historic uses of the property.

- Prepare this report documenting the findings of the Phase I study.

Our scope of services did not include any inquiries with respect to non-scope ASTM considerations including but not limited to asbestos containing materials, radon gas, lead-based paint, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, Per- and Polyfluoroalkyl substances (PFAS), ecological resources, endangered species, indoor air quality, electromagnetic fields or geologic hazards.

2.0 PROJECT DESCRIPTION AND SETTING

The County of Monterey is proposing to replace the existing one-way stop-controlled intersection of San Miguel Canyon Road and Castroville Boulevard with a single lane roundabout. The Project is located in unincorporated Prunedale within northern Monterey County. The proposed project has been identified as a strategic solution to address safety and congested traffic conditions experienced along the San Miguel Canyon Road corridor. The Project is included in the Highway Safety Improvement Program (HSIP) Cycle 10 project list released on March 30, 2021. The County is the Lead Agency pursuant to the California Environmental Quality Act (CEQA).

San Miguel Canyon Road and Castroville Boulevard are both classified as Major Collectors according to the California Road System (CRS). Existing San Miguel Canyon Road is free flowing with a posted speed of 55 miles per hour (mph) at the project site. Castroville Boulevard is one-way stop-controlled which requires vehicles turning from eastbound Castroville Boulevard to find a gap in vehicles traveling on San Miguel Canyon Road.

The purpose of the Project is to improve the safety of the existing intersection by reducing vehicular collision severity (broadside collisions) and reducing the speed of vehicles through the intersection. The Project will also accommodate future travel demands in the region and decrease congestion along the corridor. Once complete, the yield-controlled intersection will allow consistent traffic flow from all directions.

The area of potential effects (APE) from construction of the Project was assessed as part of this Phase I ESA, and is defined as the Project Area (see Plate 2 for the mapped Project Area). The Project Area setting presented in this section describes the condition of the Project Area at the time of the Phase I ESA. Tables 2-1 and 2-2 summarize the physical characteristics of the Project Area and adjoining properties. A Project Area and Adjacent Land Use Map is provided on Plate 2.

2.1 PROJECT AREA DESCRIPTION

Table 2-1 provides a summary of the physical location and size of the Project Area, as well as the current uses. This information was obtained from review of various maps (such as topographic maps and tax assessor maps), aerial photographs, and a site visit. Additional Project Area description information was

obtained during the site visit; please refer to the Section 5.0 of the report that covers site reconnaissance information.

TABLE 2-1
PROJECT AREA LOCATION AND LAND USE

Parameter	Information/Comments
Location	The Project Area includes the intersection of Castroville Boulevard and San Miguel Canyon Road in Prunedale, in an area of undeveloped and residential land uses.
Assessor's Parcel Nos. (APNs)	Portion of 129-083-031, 129-051-033, 127-361-007, 127-361-026, 127-361-013, 127-361-014, and 127-361-015.
Section, Township, and Range	Section 18, Township 13 South, Range 2 East of the Mount Diablo Base and Meridian.
Current Use	The Project Area is currently developed with San Miguel Canyon Road and Castroville Boulevard, and surrounding areas within the Project Area.
Current Property Owners	Gin York F. Family Partnership (-031), Monterey County (-033), Rocha Alma D. Garcia (-007), Victor C Bizzaro (-026), Jose Pantoja (-013), Eusebio Diaz (-014), and Raquel Luna (-015)

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

Information on regional geology and hydrogeology is presented in Table 2-2. This information was obtained from published data and maps of the Project Area vicinity.

TABLE 2-2
PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS

Geologic/Hydrogeologic Parameter	Information/Comments
Project Area Topography	Based on a review of the USGS Prunedale, California 7.5-Minute Topographic Quadrangle Map dated 2015, the mean elevation at the Project Area is approximately 180 feet above Mean Sea Level (MSL), and the relief across the Project Area slopes gently to the south-southeast. Surface water runoff follows the local topography and eventually empties into a seasonal creek that runs parallel to San Miguel Canyon Road.
Project Area Geology and Soil Types	The Project Area is located within the Salinas Valley. The geology of the Project Area is comprised of Pleistocene-Holocene-aged marine and nonmarine (continental) sedimentary rocks. These sedimentary rocks include alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. The Project Area is mostly made up on nonmarine rocks (GAMA, 2024).

	According to the Geologic Map of the Montrey Quadrangle and Adjacent Areas (CGS, 2002), geologic deposits beneath the Project Area consist of Holocene-aged alluvium and Pleistocene-aged aromas sand (undivided). According to the Geocheck® section of the EDR report (Appendix A), soils at the Project Area include the Arnold Series. The Arnold soils have a loamy fine sand surface texture, and are characterized by moderate infiltration rates and are somewhat excessively drained.
Project Area Hydrogeologic Setting	The Project Area is located within the Salinas Valley Groundwater Basin, Langley Area Subbasin (DWR, 2004). The Salinas Valley – Langley Area Subbasin is a series of low hills bounded to the east by the geologic contact of Tertiary sediments with granitic bedrock and to the north by a drainage divide in the Carneros Hills. North of this divide is the Elkhorn Slough and to the south are the Moro Cojo Slough and lower Salinas River valley. The western and southern boundaries approximately coincide with the slope break at the base of the Carneros Hills, generally marked by the 200-foot elevation contour interval. The west and south boundaries are shared with the Salinas Valley – 180/400-Foot Aquifer and the –Eastside Aquifer Subbasins, respectively. The southern boundary also generally coincides with the northern boundary of the Salinas Valley drainage subbasin. The western portion of the subbasin is drained by west flowing creeks in Langley, Vijerra, Berta, and Pesante Canyons, all of which intersect a south flowing creek in San Miguel Canyon. The eastern subbasin is drained by south flowing creeks, which enter the southwest flowing Gabilan Creek. According to the GeoCheck® section of the EDR report (Appendix A), there is one groundwater well located within a one-quarter mile radius of the Project Area**.** No groundwater wells were observed at the Project Area during the site reconnaissance.

2.3 ADJOINING AREA LAND USE

A drive-by survey of the area adjoining to the Project Area was performed by Haro Environmental personnel on January 5, 2024. The results of this survey indicate undeveloped land, and rural residential land uses surround the Project Area. The Project Area and adjoining land uses are depicted on Plate 2.

2.4 LOCATION AND LEGAL DESCRIPTIONS

The Project Area includes the intersection of Castroville Boulevard and San Miguel Canyon Road and surrounding land in Prunedale. The project will include partial take of three County of Monterey Assessors Office Assessor Parcel Numbers (APN) including 129-083-031, 129-051-033, and 127-361-007. In addition, the APE may also impact portions of APN 127-361-026, 127-361-013, 127-361-014, and 127-361-015.

2.5 USER PROVIDED INFORMATION

Ms. Maribel Ramos-Peredia, Assistant Engineer / Project Manager with the County of Monterey, was interviewed for actual knowledge pertaining to the Site to help identify the possibility of RECs in connection with the Site. Ms. Ramos-Peredia indicated the following:

2.5.1 Title Records

Title records for roads are not available.

2.5.2 Environmental Liens or Activity and Use Limitations

Ms. Ramos-Peredia did not provide information pertaining to environmental liens or activity and use limitations for the Site. Haro Environmental was not provided a copy of an environmental lien records search for the Site.

2.5.3 Specialized Knowledge

Ms. Ramos-Peredia was unaware of specialized knowledge or experience regarding the Site.

2.5.4 Commonly Known or Reasonably Ascertainable Information

Ms. Ramos-Peredia was unaware of commonly known or reasonably ascertainable information about the Site.

2.5.5 Owner, Property Manager, and Occupant Information

Ms. Ramos-Peredia indicated that, based on her knowledge and experience related to the property, there are no obvious indicators that point to the presence or likely presence of contamination at the Site.

2.5.6 Other

No other information pertaining to environmental issues related to the Site was provided by Ms. Ramos-Peredia.

2.6 ENVIRONMENTAL LIENS

No environmental lien search was conducted by the preparer or the user of this Phase I report.

3.0 RECORDS REVIEW

Government agency database records are sources of information that may be helpful in evaluating activities that may have contributed to a release of hazardous substances or petroleum products to soil and/or groundwater. Haro Environmental contracted a government agency database search from EDR. A copy of the EDR report, which specifies the approximate minimum search distance for each public list as defined in the ASTM Standard, is included as Appendix A.

The subject Project Area was not listed in the databases searched by EDR. Two nearby properties were listed in the Environmental Data Resources, Inc. Exclusive Historical Cleaners (EDR HIST CLEANER), Facility and Manifest Data (HAZNET), and Hazardous Waste Tracking System (HWTS) databases searched by EDR.

3.1 RESULTS OF DATABASE SEARCH

The following sections contain information on the results of the government records search conducted by EDR. Opinions presented below are based on information provided in EDR's report (unless otherwise noted) and on criteria such as distance from the Project Area, anticipated groundwater movement direction in the vicinity of the Project Area, and the nature of any reported unauthorized releases. In assessing the potential impact to buildings materials, soil, soil vapor, and/or groundwater beneath the Project Area, the shallowest groundwater was considered to be approximately 8 feet below ground surface (bgs) with an anticipated groundwater movement direction following the local topographic gradient to the southeast. The groundwater information was obtained from the Exxon Service Station located approximately ¼ mile south of the Project area and identified by Geotracker as case T0605300331.

3.1.1 Subject Property

The Project Area was not listed in any of the databases searched by EDR.

3.1.2 Adjacent Properties

No adjacent properties were listed in the databases searched by EDR.

3.1.3 Nearby Properties

Two nearby properties were listed within the approximate minimum search distance and included the Harts Cleaners located at 2358 San Miguel Canyon Road, and Bruce Dunn located at 1084 San Miguel Canyon Road. Based on the distance from the Project Area (both more than ½ mile away from the Project Area), the Harts Cleaners and Bruce Dunn would not be expected to pose an environmental concern to the Project Area.

3.1.4 Orphan List

Sites not plotted by EDR due to poor or inadequate address information are referred to as orphan sites. The orphan summary/unmapped sites report was reviewed by Haro Environmental to assess the potential for off-site properties to affect the subject Project Area. Because they have incomplete addresses, orphan sites are not practically reviewable as defined by the ASTM standard. There were no orphan/unmapped sites identified by EDR.

3.1.5 Non-ASTM Issues

Assessment of non-ASTM issues including but not limited to asbestos containing materials, radon gas, lead-based paint, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, Per- and Polyfluoroalkyl substances (PFAS), indoor air quality, electromagnetic fields or geologic hazards were not included as part of this Phase I ESA.

3.2 OTHER RECORDS REVIEWED

The following additional sources of information were reviewed as part of this Phase I ESA.

3.2.1 Public Agency Records

The County of Monterey Environmental Health Services provided several files for the Project Area including a well permit for the APN 127-361-007. In June 1990, a new 350-foot domestic well was drilled 159 feet to the east of San Miguel Canyon Road. This is the extent of information obtained from the files provided from the County of Monterey Environmental Health Services related to potential environmental concerns.

The Monterey County Planning and Building Department provided several files for the Project Area, and additional files were viewed at the Monterey County office. The files included grading permits, use permits, planned burns, housing improvements, Pacific Gas and Electric underground power installations, and several administrative citations. None of the records reviewed within proximity to the Project Area would be expected to pose an environmental concern to the Project Area.

The following additional public agencies were contacted regarding files for the Project Area and indicated they do not maintain files:

- Central Coast Regional Water Quality Control Board (e-mail; November 27, 2023)
- California Department of Toxic Substances Control (Envirostor Website; accessed November 28, 2023)
- Monterey Bay Air Resources District (e-mail; November 27, 2023)

3.2.2 Previous Environmental Reports

No previous environmental reports were provided for review as part of this Phase I ESA.

4.0 PROJECT AREA HISTORY

The history of the Project Area was researched to identify obvious uses of the Project Area back to the first developed use, or at least 40 years ago, whichever is earlier or readily available.

Several data gaps since 1940 of greater than 5 years were identified in the historical records reviewed and included the years from 1940 to 1947, from 1956 to 1968, and from 1975 to 1981. These data gaps are considered insignificant because the Project Area use appears to be similar during the data gaps.

4.1 AERIAL PHOTOGRAPHS

A review of historical aerial photography may indicate past activities at a property that may not be documented by other means, or observed during a site visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. Aerial photographs were obtained from several historical photograph collections through EDR. A tabulation of the aerial photographs reviewed is presented in Table 4-1.

TABLE 4-1
HISTORICAL AERIAL PHOTOGRAPHS REVIEWED

Date	Approximate Scale	Source
1937	1” = 500’	USDA
1949	1” = 500’	USDA
1956	1” = 500’	USDA
1968	1” = 500’	USGS
1971	1” = 500’	USDA
1982	1” = 500’	USDA
1998	1” = 500’	USGS/DOQQ
2005	1” = 500’	USDA/NAIP
2009	1” = 500’	USDA/NAIP
2012	1” = 500’	USDA/NAIP
2016	1” = 500’	USDA/NAIP
2020	1” = 500’	USDA/NAIP

Note: Aerial photographs only provide information on indications of land use and no conclusions regarding the release of hazardous substances or petroleum products can be drawn from the review of photographs alone.

Copies of the reviewed aerial photographs are included in Appendix A. The following is a summary of our review of these photographs.

- ***1937*** – The Project Area is depicted with a residential structure on the western portion of the Project Area. San Miguel Canyon Road appears in its present-day location, but Castroville Boulevard curves farther south than its present-day alignment. A driveway extends east from the intersection and two residential structures appear at the end of the driveway. The surrounding area appears to be mostly undeveloped land, with some areas developed for residential use or in use as orchards.

- ***1949*** – The Project Area and surrounding properties appear similar to the 1937 aerial photograph with the exception that the surrounding area has been further developed with residential structures.

- ***1956*** – The quality of the photograph is low. The Project Area and surrounding properties appear similar to the 1949 aerial photograph.

- ***1968*** – The Project Area and surrounding properties appear similar to the 1956 aerial photograph with the exception of the residential structure on the western portion of the Project Area no longer appearing and Castroville Boulevard now appearing in its present-day location.

- ***1971*** – The quality of the photograph is very low. The Project Area and surrounding properties appear similar to the 1968 aerial photograph.

- ***1982*** – The Project Area and surrounding properties appear similar to the 1971 aerial photograph.

- ***1998*** – The Project Area and surrounding properties appear similar to the 1982 aerial photograph.

- ***2005*** – The Project Area and surrounding properties appear similar to the 1998 aerial photograph with exception to further residential development in the surrounding area.

- ***2009*** – The Project Area and surrounding properties appear similar to the 2005 aerial photograph.

- ***2012*** – The Project Area and surrounding properties appear similar to the 2009 aerial photograph.

- ***2016*** – The Project Area and surrounding properties appear similar to the 2012 aerial photograph.

- ***2020*** – The Project Area and surrounding properties appear similar to the 2016 aerial photograph.

4.2 HISTORICAL TOPOGRAPHIC MAPS

Haro Environmental contacted EDR for information regarding historical topographic maps of the Project Area vicinity. The topographic maps reviewed for this assessment are listed below in Table 4-2. Copies of the maps are included in Appendix A.

TABLE 4-2
HISTORICAL TOPOGRAPHIC MAPS REVIEWED

Year	Quadrangle	Series	Scale
1915	San Juan Bautista	15 minute	1:48,000
1917	San Juan Bautista	15 minute	1:62,500
1939	San Juan Bautista	15 minute	1:62,500
1947	San Juan Bautista	15 minute	1:50,000
1954	Prunedale	7.5 minute	1:24,000
1968	Prunedale	7.5 minute	1:24,000
1975	Prunedale	7.5 minute	1:24,000
1981	Prunedale	7.5 minute	1:24,000
1987	Prunedale	15 minute	1:50,000
1993	Prunedale	7.5 minute	1:24,000
2012	Prunedale	7.5 minute	1:24,000
2015	Prunedale	7.5 minute	1:24,000
2018	Prunedale	7.5 minute	1:24,000

The Project Area is located in Prunedale at an elevation of approximately 180 feet above MSL. The nearest surface water body is a seasonal creek located adjacent to the east of the Project Area, parallel to San Miguel Canyon Road. Highway 101 is located approximately 0.75 miles to the south of the Project Area. Copies of the reviewed historic topographic maps are included in Appendix A. The following is a summary of our review of the maps.

- ***1915*** – The Project Area is depicted as the area surrounding the intersection of San Miguel Canyon Road and Castroville Boulevard. San Miguel Canyon Road is depicted in its present-day location, and Castroville Boulevard is in a fairly similar position to its present-day location with slightly different alignment to present-day. No structures are depicted at the Project Area or nearby, and hills are depicted on each side of the roads.

- ***1917*** – The Project Area and surrounding properties are depicted similar to the 1915 map with the exception of a seasonal creek along the eastern side of San Miguel Canyon Road, and two structures now depicted to the east of the Project Area across the seasonal creek.

- ***1939*** – The Project Area and surrounding properties are depicted similar to the 1917 map with the exception of San Miguel Canyon Road and Castroville Boulevard now being depicted as heavily trafficked roads.

- ***1947*** – The Project Area and surrounding properties are depicted similar to the 1939 map.

- ***1954*** – The Project Area is depicted similar to the 1947 map. The surrounding area is now depicted with several structures near the Project Area. One structure is now depicted to the north of Castroville Boulevard and to the west of San Miguel Canyon Road. Five additional structures are depicted to the north of the pre-existing structures east of San Miguel Canyon Road. Lastly, an unpaved road is depicted running east of the intersection between San Miguel Canyon Road and Castroville Boulevard.

- ***1968*** – The Project Area and surrounding properties are depicted similar to the 1954 map with exception of more structures appearing south of the unpaved driveway extending from the intersection between San Miguel Canyon Road and Castroville Boulevard.

- ***1975*** – The Project Area and surrounding properties are depicted similar to the 1968 map.

- ***1981*** – The Project Area and surrounding properties are depicted similar to the 1978 map, with the exception that Castroville Boulevard has been realigned into its present-day position.

- ***1987*** – The Project Area and surrounding properties are depicted similar to the 1981 map.

- ***1993*** – The Project Area and surrounding properties are depicted similar to the 1987 map with the exception of San Miguel Canyon Road now depicted as a heavily trafficked road.

- ***2012*** – Individual structures are no longer depicted. The Project Area and surrounding properties are depicted similar to the 1993 map.

- ***2015*** – The Project Area and surrounding properties are depicted similar to the 2012 map.

- ***2018*** – The Project Area and surrounding properties are depicted similar to the 2015 map.

4.3 SANBORN® FIRE INSURANCE MAPS

Sanborn® Fire Insurance Maps provide historical land use information in some metropolitan areas and small, established towns. There was no Sanborn® Fire Insurance Maps coverage for the Project Area, and a copy of the no coverage letter is included in Appendix A.

4.4 CITY DIRECTORIES

Haro Environmental contacted EDR to obtain a historical City Directory Abstract, which lists the names and/or businesses that historically occupied an address. The City Directory Abstract, which covers the period from 1992 to 2020, provides tenant information for an address and/or adjoining streets. The City Directories reviewed indicated the properties east of San Miguel Canyon Road were listed as residences from 1992 to 2020, and the Manzanita Park (located at the southeast portion of the Project Area) was listed from 1995 until 2020. No listings were noted that would be expected to pose an environmental concern to the Project Area. The complete EDR City Directory Abstract listing results is provided in Appendix A.

4.5 OIL AND GAS MAPS

Maps provided online by the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources were reviewed to determine the current or historic presence of oil or gas wells in the vicinity of the Project Area (CalGEM, 2023). The maps reviewed indicated that there were no oil and gas wells within a 1-mile radius of the Project Area.

4.6 CRUDE OIL PIPELINES

The National Pipeline Mapping System maintained by the Pipeline and Hazardous Materials Safety Administration was reviewed for the presence of gas and hazardous liquid transmission pipelines. The results indicate there is one active natural gas pipeline located approximately ½ mile north of Castroville Boulevard, running east to west (PHMSA, 2023). Information indicates this pipeline carries natural gas and is owned and operated by Pacific Gas & Electric Company; however, based on the contents, this pipeline is not anticipated to pose an environmental concern to the Project Area.

4.7 CHAIN OF TITLE RECORDS

Haro Environmental was not provided and therefore did not review a 50-year chain-of-title report for the Project Area.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

Haro Environmental's assessment activities included a site reconnaissance. This section summarizes the findings from the site reconnaissance.

5.1 SITE RECONNAISSANCE

5.1.1 Methodology and Limiting Conditions

Haro Environmental personnel performed an unaccompanied reconnaissance of the Project Area on January 5, 2024. The site reconnaissance was conducted by: 1) observing the Project Area from public thoroughfares, 2) observing the adjoining properties from public thoroughfares, and 3) observing the Project Area from walking paths. The purpose of the site reconnaissance was to identify the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or threat of release into soil, groundwater, or surface water at the Project Area (recognized environmental conditions). Observations from the site reconnaissance are summarized in the following sections. A photolog of photographs taken during the site reconnaissance is included as Appendix C.

5.1.2 Current Use of the Property and Adjoining Properties

The Project Area is currently developed with a road, and bordered by undeveloped land that is the edge of rural residential properties and a county recreational park (see Photo #1).

The Project Area does not appear to be serviced by any utilities.

Surrounding properties are rural residential properties and a county recreational park (see Photos #2, 3, and 4). Nearby land uses are depicted on Plate 2.

5.1.3 General Description of Structures

The Project Area is currently developed with San Miguel Canyon Road and Castroville Boulevard (see Photo #1). No additional structures are present at the Project Area.

5.1.4 Interior and Exterior Observations

No structures are present within the Project Area.

5.1.5 Hazardous Substances and Petroleum Products

No hazardous substances or petroleum products were observed during the site reconnaissance.

5.1.6 Unidentified Substance Containers

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

5.1.7 Storage Tanks

During the site reconnaissance, Haro Environmental did not observe evidence of above-ground storage tanks (ASTs) or USTs.

5.1.8 Odors

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

5.1.9 Pools of Liquid

During the site reconnaissance, Haro Environmental 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.

5.1.10 Drums

During the site reconnaissance, Haro Environmental did not observe evidence of drums onsite.

5.1.11 Indications of Polychlorinated Biphenyls (PCBs)

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to USEPA regulation 40 CFR Part761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Since January 1, 1977, the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner has been prohibited. The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Transformers installed prior to 1977 may be PCB-containing while transformers installed after 1977 are unlikely to be PCB-containing.

During the site reconnaissance, Haro Environmental observed two pole mounted transformers at the Project Area (see Photo #5).

5.1.12 Other Conditions of Concern

During the site reconnaissance Haro Environmental did not note any of the following:

- Corrosion
- Clarifiers, and/or sumps
- Pits, ponds, and/or lagoons
- Stressed vegetation
- Waste water
- Septic tanks
- Water wells

A storm water drain was observed at the Project Area and was located approximately 50 feet north of the intersection of Castroville Boulevard and San Miguel Canyon Road on the west side of San Miguel Canyon Road (see Photo #6). The drain then appears to be funneled underneath the road and comes out on the east side of the road.

5.2 INTERVIEWS

Ms. Maribel Ramos-Peredia, Assistant Engineer and Project Manager for the County of Monterey, was interviewed as part of this Phase I ESA to inquire about the current and historic uses of the Project Area, specifically related to the parcels where partial take of the APNs is planned.

Ms. Ramos-Peredia indicated that she is unaware of the on-site current or historic presence of:

- Industrial or automotive batteries,
- Pesticides,
- Fill dirt,
- Pits, ponds, or lagoons,
- Stained soil,
- Vent pipes, fill pipes, or access ways,
- Groundwater wells,
- ASTs or USTs,
- PCBs.

Ms. Ramos-Peredia also indicated that she is unaware of any environmental liens, environmental deed restrictions, land use regulations, engineering controls, environmental violations, environmental assessments, or past, threatened, or pending lawsuits concerning releases of hazardous materials relating to the specific APNs where partial take of the APN is planned.

6.0 FINDINGS, CONCLUSTIONS AND RECOMMENDATIONS

This Phase I ESA of the property identified as the Prunedale Roundabout located in Prunedale, California was performed by Haro Environmental in conjunction with SWCA for the County of Monterey. Haro Environmental performed this Phase I ESA consistent with ASTM Practice E-1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard). Exceptions to, or deletions from, this practice are described in this report.

Based on the data gathered and reviewed during this Phase I ESA, Haro Environmental did not identify recognized environmental conditions or concerns that have impacted, or pose a significant environmental threat to subsurface soil, soil vapor, or groundwater beneath the Project Area.

Because we have no evidence indicating that the Site has been impacted by hazardous materials or petroleum products, no additional assessment appears warranted at this time.

7.0 STANDARD OF CARE

The findings and conclusions contained in this Phase I ESA are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted industry standards and practices applicable to this location and are subject to the following inherent limitations:

Accuracy of Information. Certain information utilized by Haro Environmental in this assessment has been obtained, reviewed, and evaluated from various sources believed to be reliable. Although Haro Environmental's conclusions, opinions, and recommendations are based, in part, on such information, Haro Environmental's services did not include the verification of the information's accuracy or authenticity. Should such information prove to be inaccurate or unreliable, Haro Environmental reserves the right to amend or revise its conclusions, opinions and/or recommendations.

Reconnaissance. Haro Environmental performed a reconnaissance of the Project Area that is the subject of this assessment to document current conditions. Haro Environmental focused on areas deemed more likely to exhibit hazardous materials conditions while other areas received limited attention. No known areas were inaccessible at the time of our reconnaissance.

Limitations. Haro Environmental does not guarantee that the Project Area is free of hazardous or potentially hazardous materials or conditions, or that latent or undiscovered conditions will not become evident in the future. This assessment has been prepared in accordance with currently accepted industry standards, and no other warranties, representations, or certifications are made. Unless stated otherwise herein, this report is intended for and restricted to the sole use of SWCA and County of Monterey. Any other use, interpretation, or reliance upon this assessment is at the sole risk of the user and Haro Environmental shall have no liability for such unauthorized use, interpretation or reliance.

Qualifications of Environmental Professionals. Mr. Elliot Haro representing Haro Environmental performed this ESA. Mr. Haro is an environmental consultant who has performed over 100 ESAs for a variety of clients. Mr Haro's resume is provided in Appendix D.

Reliance. This ESA report has been prepared for the exclusive use and reliance of SWCA and County of Monterey. Use or reliance by any other party is prohibited without the written authorization of SWCA, County of Monterey and Haro Environmental.

Scope Limitations and ASTM Exceptions. This ESA did not include any inquiries with respect to non-scope ASTM considerations (including but not limited to asbestos containing materials, radon gas, lead-based paint, lead in drinking water, mold, wetlands, regulatory compliance, Per- and Polyfluoroalkyl

substances (PFAS), cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality or electromagnetic fields), subsurface or other invasive assessments, business environmental risk evaluations or other services not particularly identified and discussed herein.

Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested may not be received by the issuance date of the report. In the event information obtained from sources mentioned previously alters the findings stated in this report, an addendum letter will be forwarded to SWCA and County of Monterey under separate cover providing Haro Environmental's findings and conclusions. Additional Phase I ESA limitations include:

- Several data gaps since 1940 of greater than 5 years were identified in the historical records reviewed and included the years from 1940 to 1947, from 1956 to 1968, and from 1975 to 1981. These data gaps are considered insignificant because the Project Area use appears to be similar during the data gaps.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the Project Area's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable or not present during the reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

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

8.0 REFERENCES

California Department of Conservation, California Geological Survey (CGS). 2002. *California Geomorphic Provinces – Note 36.*

CGS. 2002. *Geologic Map of the Monterey 30'X60' Quadrangle and Adjacent Areas, California.* Compiled by David Wagner, H. Gary Greene, George Saucedo, and Cynthia Pridmore.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (CalGEM). 2023.

California Department of Water Resources (DWR). 2004. *Salinas Valley Groundwater Basin, Langley Area Subbasin.* Updated February 27, 2004.

Environmental Data Resources (EDR). November 8, 2023. EDR Historical Topographic Map Report, Prunedale Roundabout, Salinas, CA 93907.

EDR. December 5, 2023. The EDR-City Directory Abstract, Prunedale Roundabout, Salinas, CA 93907.

EDR. November 8, 2023. The EDR Radius Map with GeoCheck®, Prunedale Roundabout, Salinas, CA 93907.

EDR. November 8, 2023. The EDR Aerial Photo Decade Package, Prunedale Roundabout, Salinas, CA 93907.

EDR. November 8, 2023. The EDR Sanborn® Map Report, Prunedale Roundabout, Salinas, CA 93907.

Groundwater Information System (GAMA). 2024. GAMA California Water Boards website: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/

Pipeline and Hazardous Materials Safety Administration (PHMSA). 2023. National Pipeline Mapping System website: https://www.npms.phmsa.dot.gov/PublicViewer/

PLATES

HARO ENVIRONMENTAL

872 Higuera Street
San Luis Obispo, CA 93405
Phone: 805.204.4483
www.haroenv.com

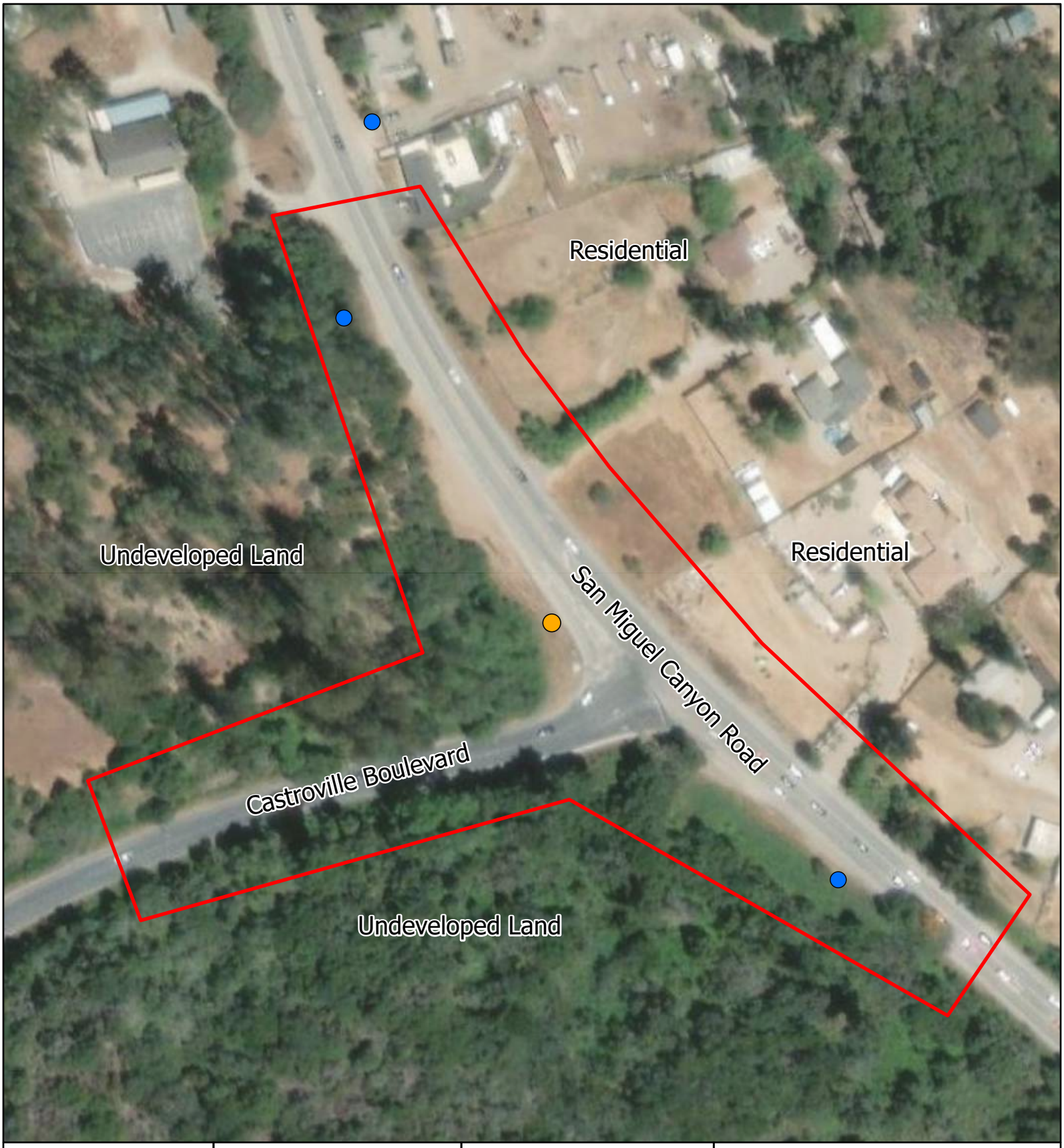
0 1 2 Miles

N

Castroville Boulevard and
San Miguel Canyon Road
Salinas, CA 93907

Project Location

Plate 1 - Project Vicinity Map



HARO ENVIRONMENTAL
872 Higuera Street
San Luis Obispo, CA 93405
Phone: 805.204.4483
www.haroenv.com

0 50 100 200 Feet

N

Castroville Boulevard and
San Miguel Canyon Road
Salinas, CA 93907

Project Area and Areas of Potential Effects (APE)
Pole-Mounted Transformer
Storm Water Drain

Plate 2 - Site and Adjacent Use Land Map

APPENDIX A

REGULATORY RECORDS DOCUMENTATION

Prunedale Roundabout

Castroville Blvd @ San Miguel Canyon Rd.

Salinas, CA 93907

Inquiry Number: 7492551.3

November 08, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/08/23

Site Name:

Prunedale Roundabout
Castroville Blvd @ San Miguel
Salinas, CA 93907
EDR Inquiry # 7492551.3

Client Name:

Haro Environmental, Inc.
PO Box 7002
Los Osos, CA 93412
Contact: Elliot Haro

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Haro Environmental, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 69CC-4381-9E64

PO # NA

Project NA

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 69CC-4381-9E64

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Haro Environmental, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Prunedale Roundabout

Castroville Blvd @ San Miguel Canyon Rd.

Salinas, CA 93907

Inquiry Number: 7492551.4

November 08, 2023

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

11/08/23

Site Name:

Prunedale Roundabout
Castroville Blvd @ San Miguel
Salinas, CA 93907
EDR Inquiry # 7492551.4

Client Name:

Haro Environmental, Inc.
PO Box 7002
Los Osos, CA 93412
Contact: Elliot Haro

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Haro Environmental, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: NA

Coordinates:

Latitude:	36.808383 36° 48' 30" North
Longitude:	-121.672081 -121° 40' 19" West
UTM Zone:	Zone 10 North
UTM X Meters:	618451.85
UTM Y Meters:	4074438.51
Elevation:	183.69' above sea level

Maps Provided:

2018	1954
2015	1947
2012	1939
1993	1917
1987	1915
1981	
1975	
1968	

Topo Sheet Key

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

2018 Source Sheets

Prunedale
2018
7.5-minute, 24000

2015 Source Sheets

Prunedale
2015
7.5-minute, 24000

2012 Source Sheets

Prunedale
2012
7.5-minute, 24000

1993 Source Sheets

Prunedale
1993
7.5-minute, 24000
Aerial Photo Revised 1988

Topo Sheet Key

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

1987 Source Sheets

PRUNEDALE
1987
15-minute, 50000

1981 Source Sheets

Prunedale
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets

Prunedale
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1968 Source Sheets

Prunedale
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

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

1954 Source Sheets

Prunedale
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1947 Source Sheets

SAN JUAN BAUTISTA
1947
15-minute, 50000

1939 Source Sheets

San Juan Bautista
1939
15-minute, 62500
Aerial Photo Revised 1939

1917 Source Sheets

San Juan Bautista
1917
15-minute, 62500

Topo Sheet Key

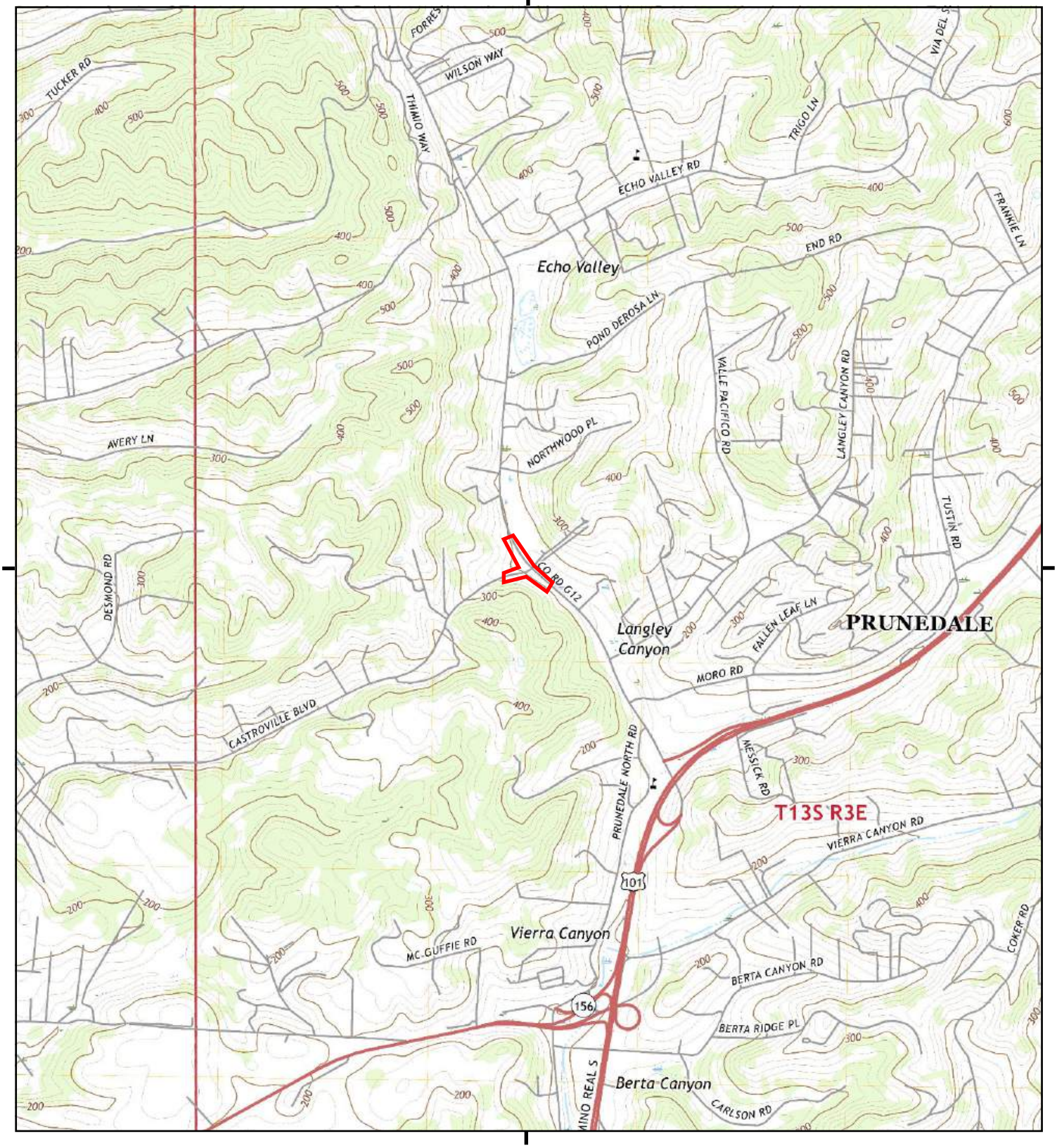
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1915 Source Sheets

San Juan Bautista
1915
15-minute, 48000

Historical Topo Map

2018



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

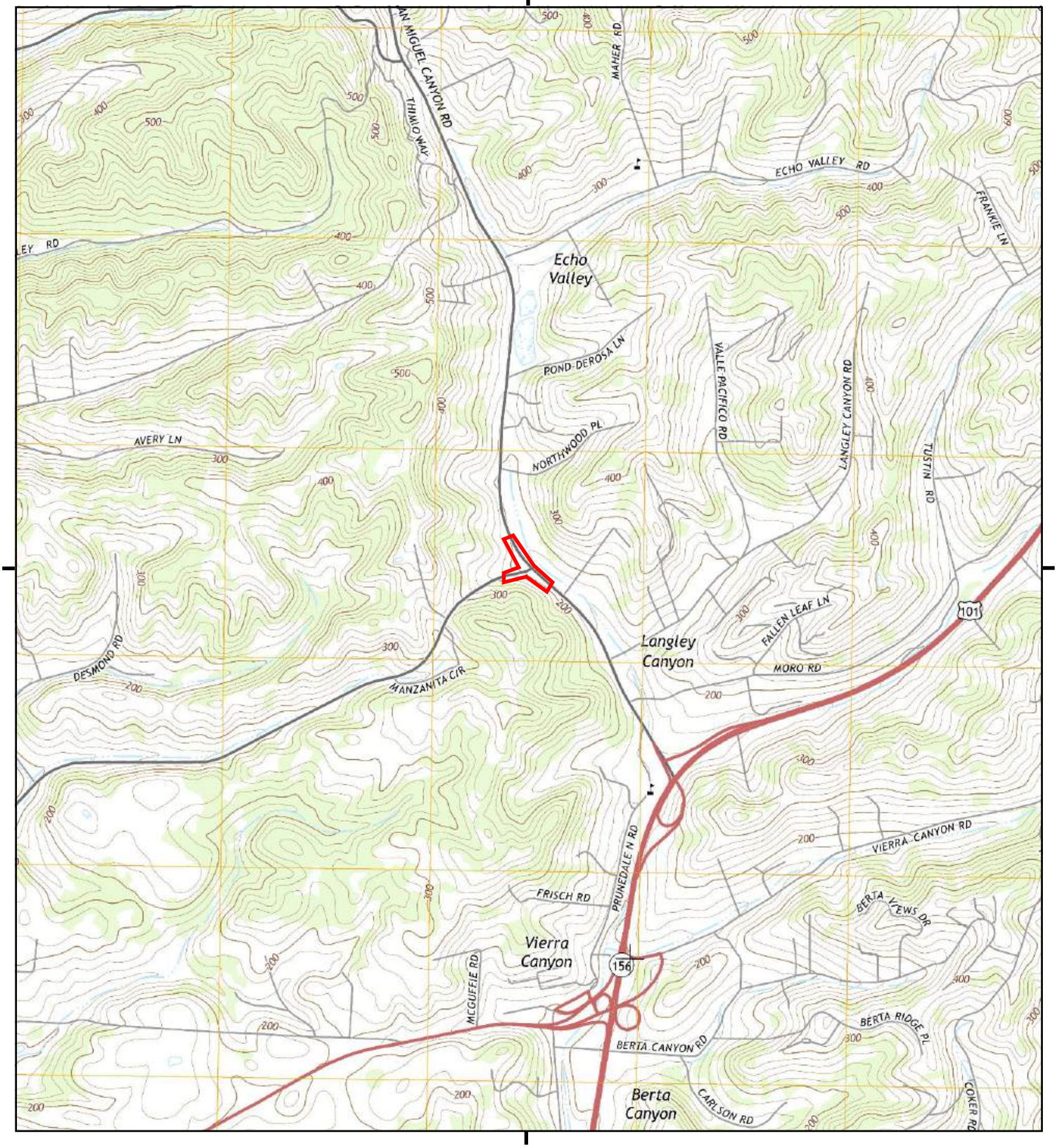
TP, Prunedale, 2018, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N

Historical Topo Map

2015



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

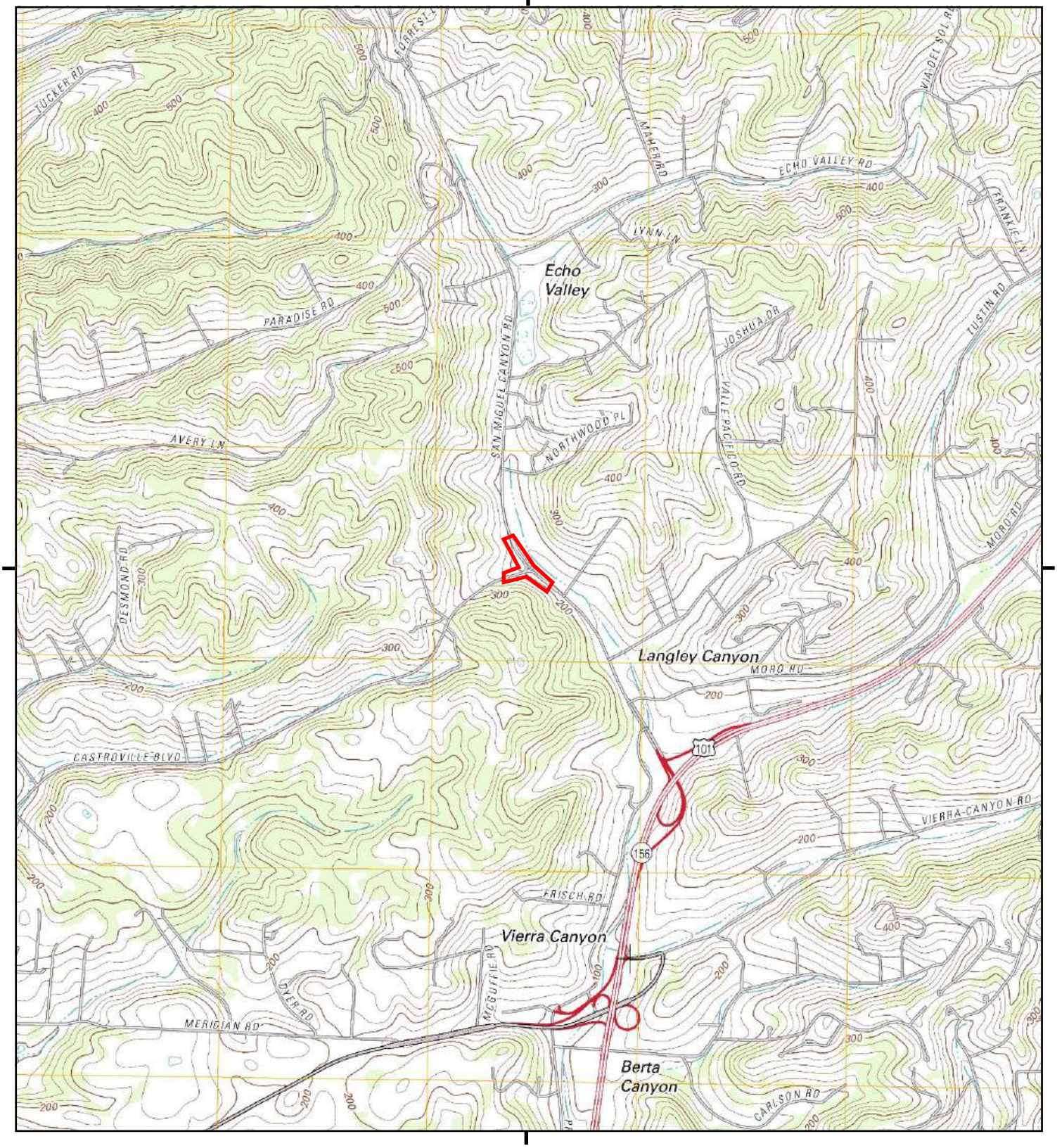
TP, Prunedale, 2015, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N

Historical Topo Map

2012



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

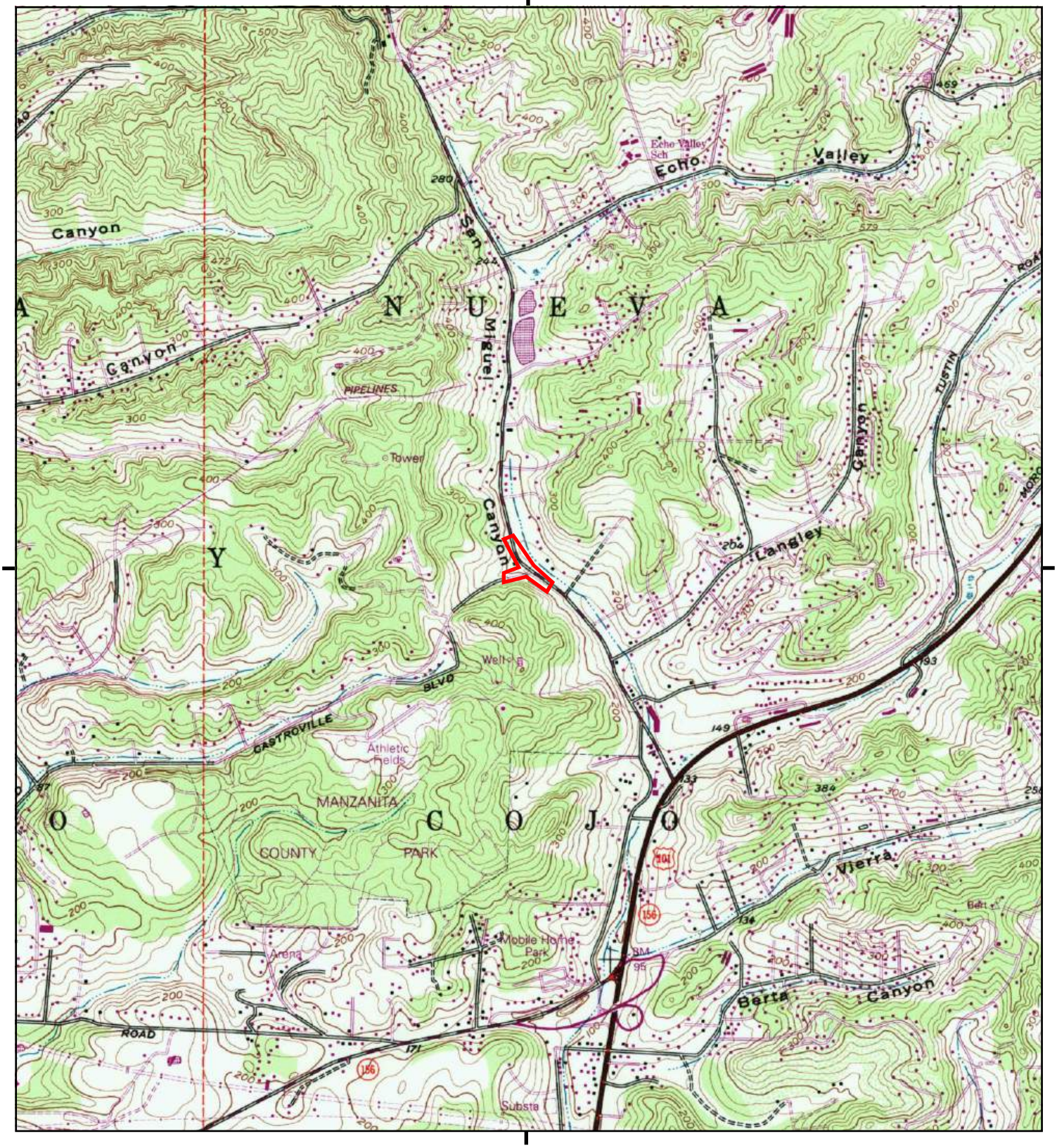
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 2012, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

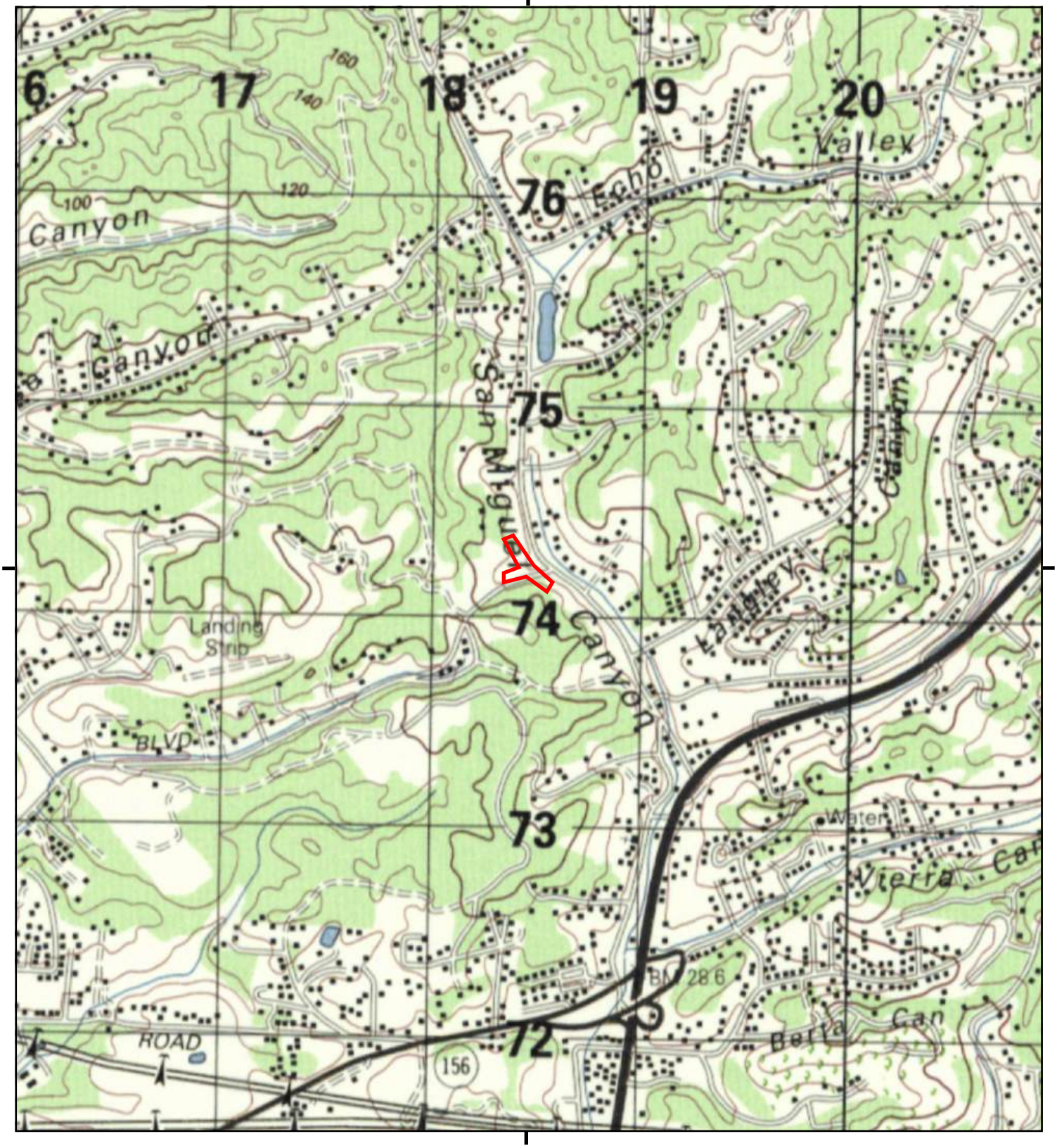
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 1993, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

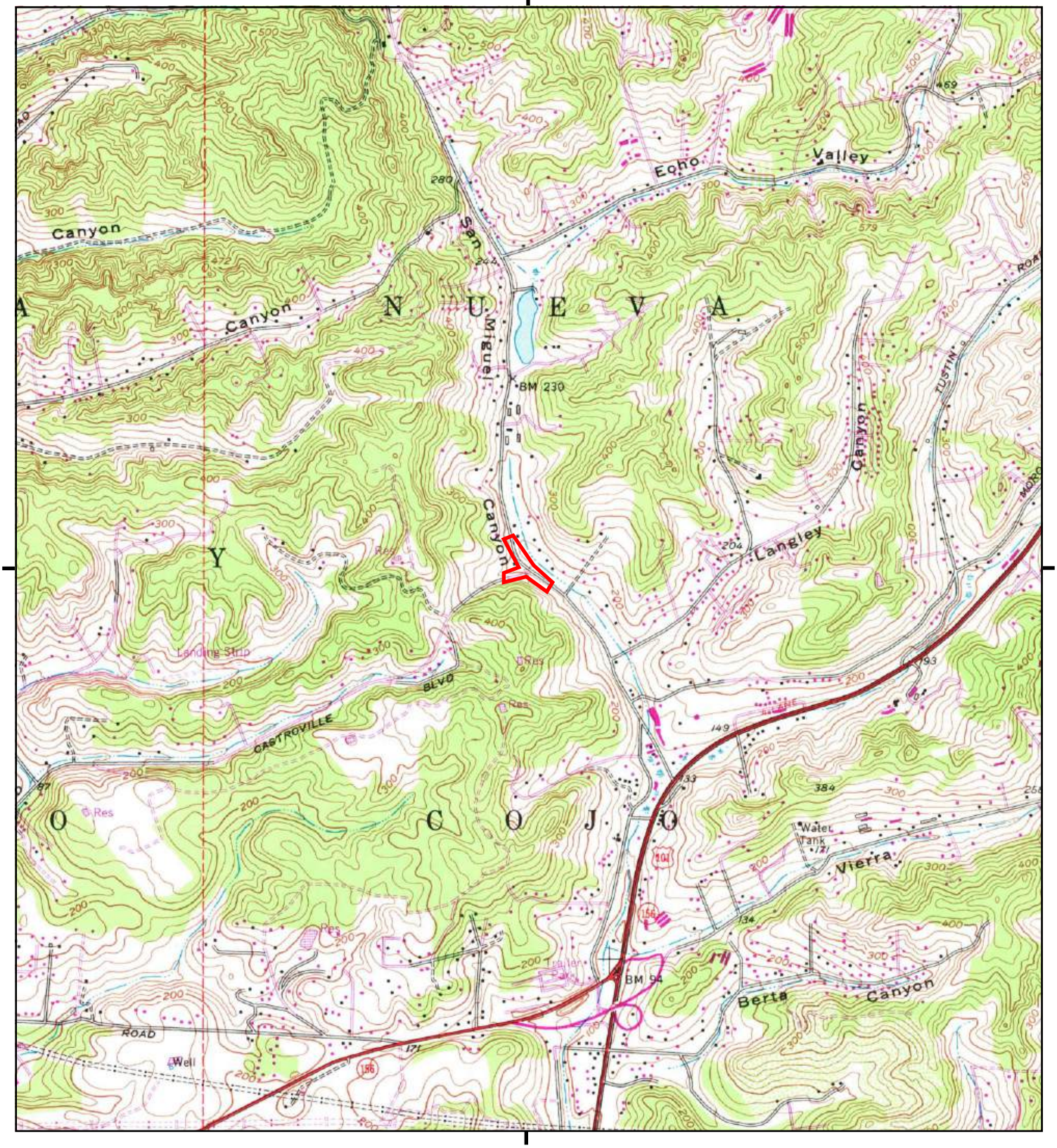
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PRUNEDALE, 1987, 15-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

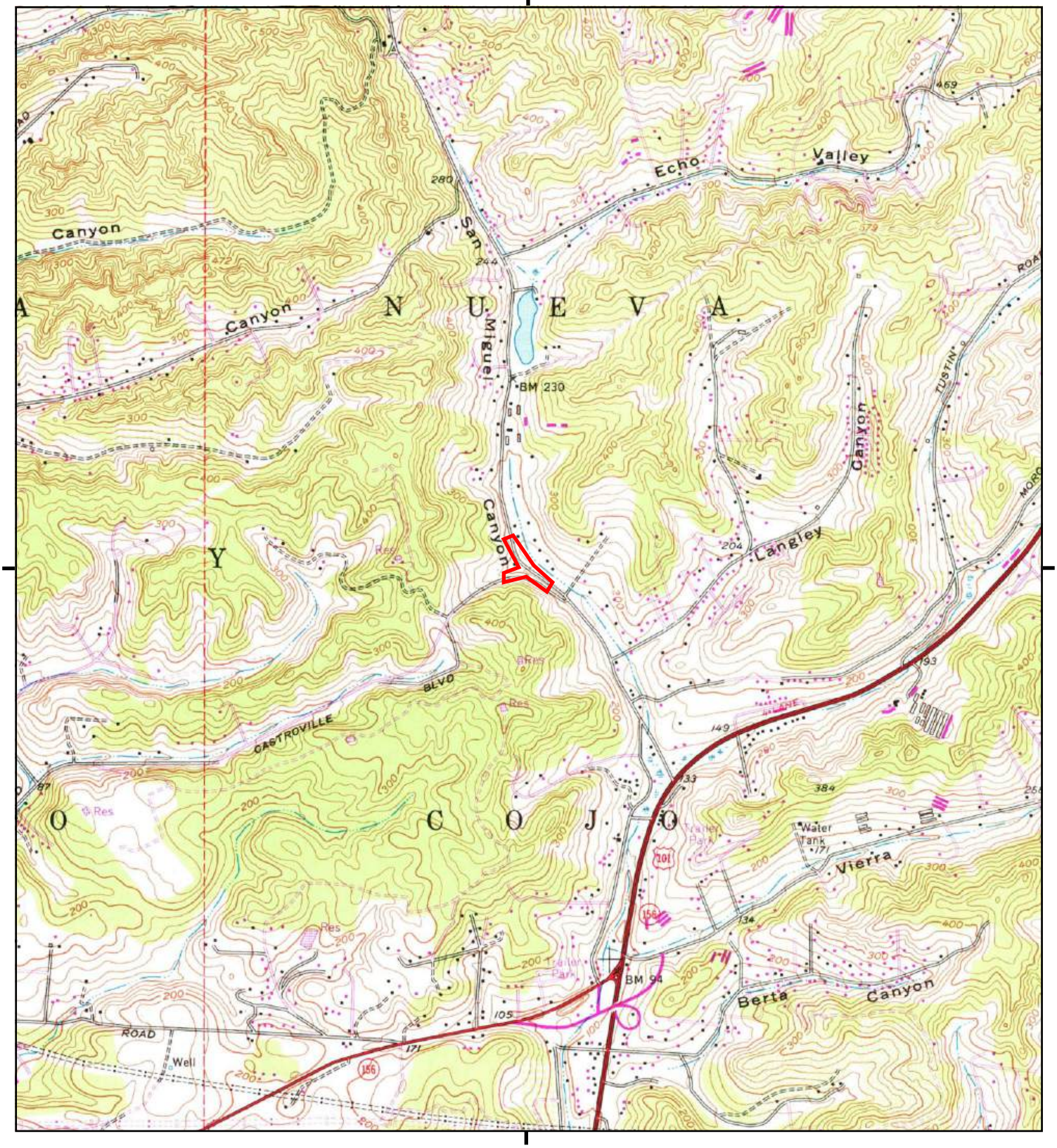
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 1981, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

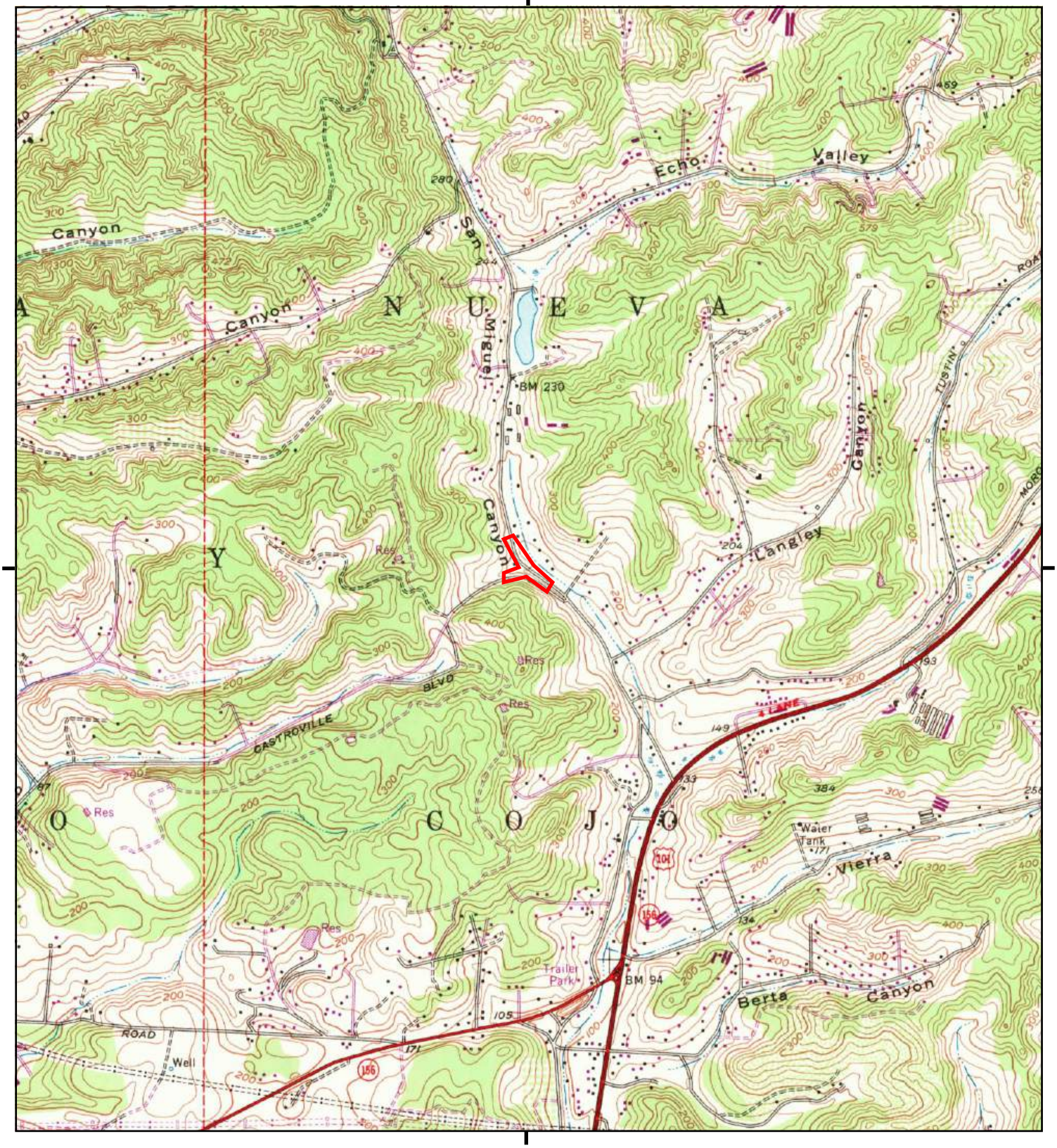
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 1975, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

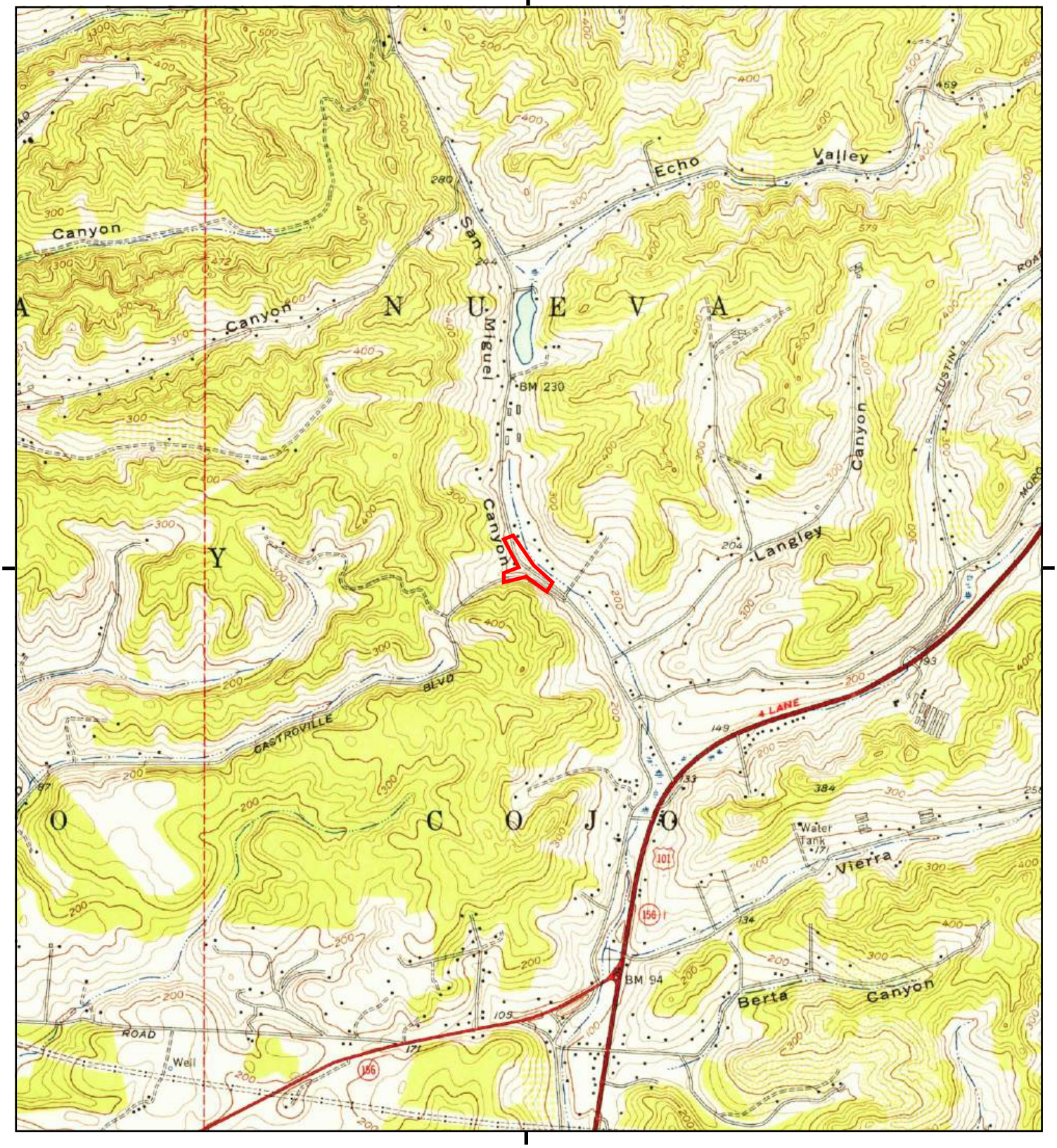
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 1968, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Prunedale, 1954, 7.5-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N

Historical Topo Map

1947

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

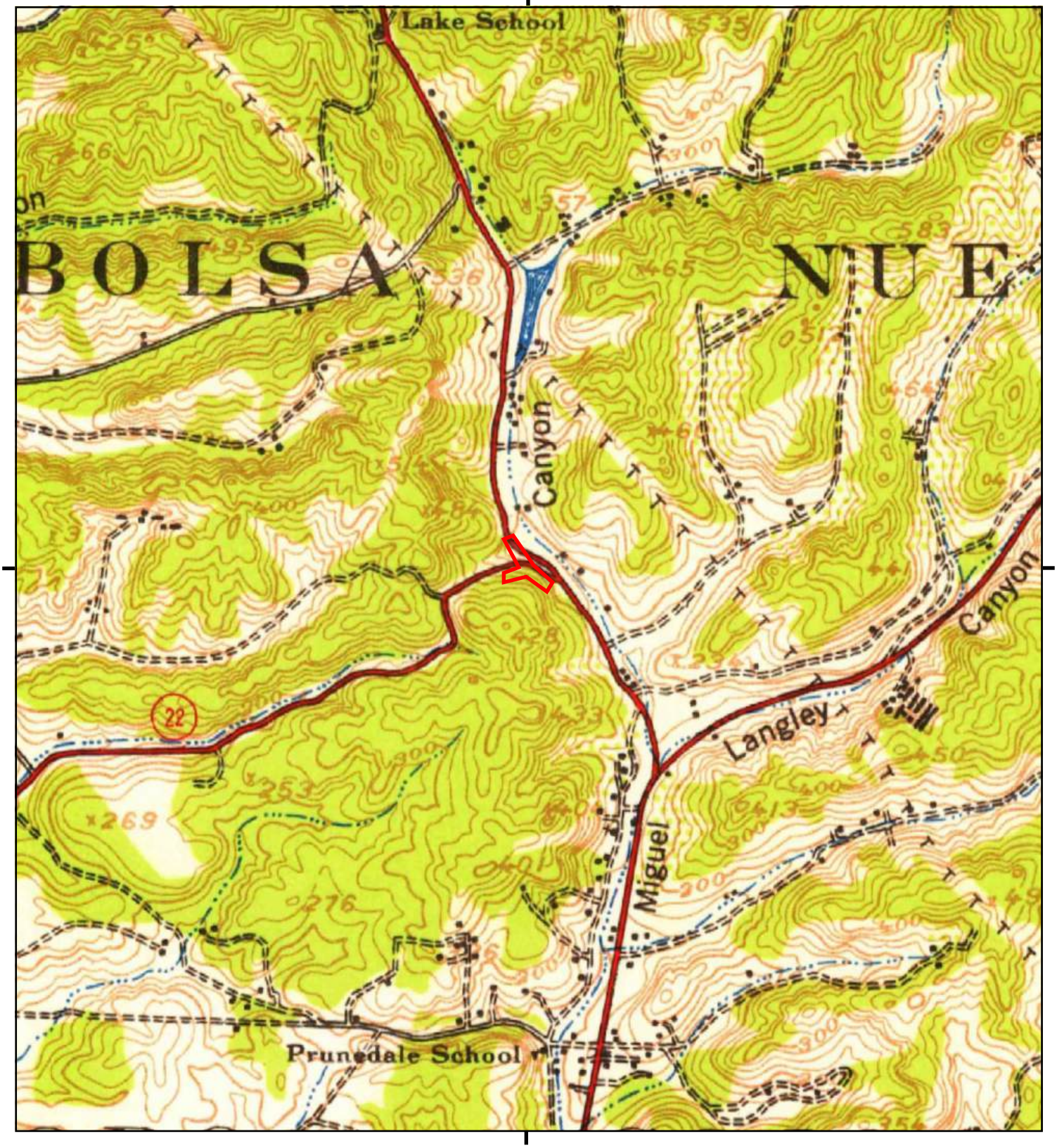
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SAN JUAN BAUTISTA, 1947, 15-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

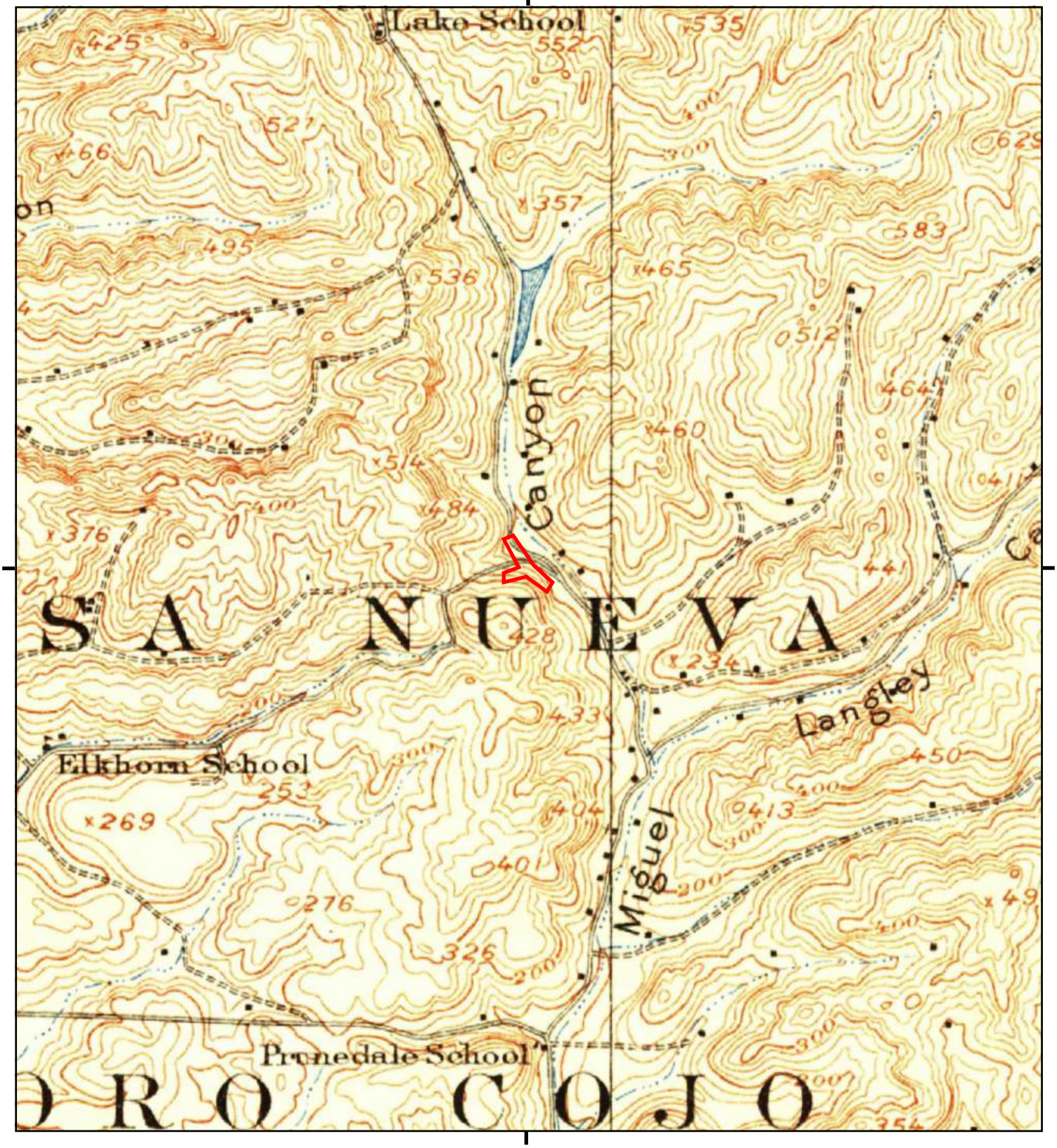
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Bautista, 1939, 15-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Bautista, 1917, 15-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N

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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Juan Bautista, 1915, 15-minute

SITE NAME: Prunedale Roundabout
ADDRESS: Castroville Blvd @ San Miguel Canyon R
Salinas, CA 93907
CLIENT: Haro Environmental, Inc.

N

Prunedale Roundabout

Castroville Blvd @ San Miguel Canyon Rd.

Salinas, CA 93907

Inquiry Number: 7492551.8

November 08, 2023

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

11/08/23

Site Name:

Prunedale Roundabout
Castroville Blvd @ San Miguel
Salinas, CA 93907
EDR Inquiry # 7492551.8

Client Name:

Haro Environmental, Inc.
PO Box 7002
Los Osos, CA 93412
Contact: Elliot Haro

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

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: January 01, 1998	USGS/DOQQ
1982	1"=500'	Flight Date: July 10, 1982	USDA
1971	1"=500'	Flight Date: May 14, 1971	USDA
1968	1"=500'	Flight Date: June 14, 1968	USGS
1956	1"=500'	Flight Date: May 14, 1956	USDA
1949	1"=500'	Flight Date: August 17, 1949	USDA
1937	1"=500'	Flight Date: November 08, 1937	USDA

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


INQUIRY #: 7492551.8
YEAR: 2020
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 7492551.8

YEAR: 2012

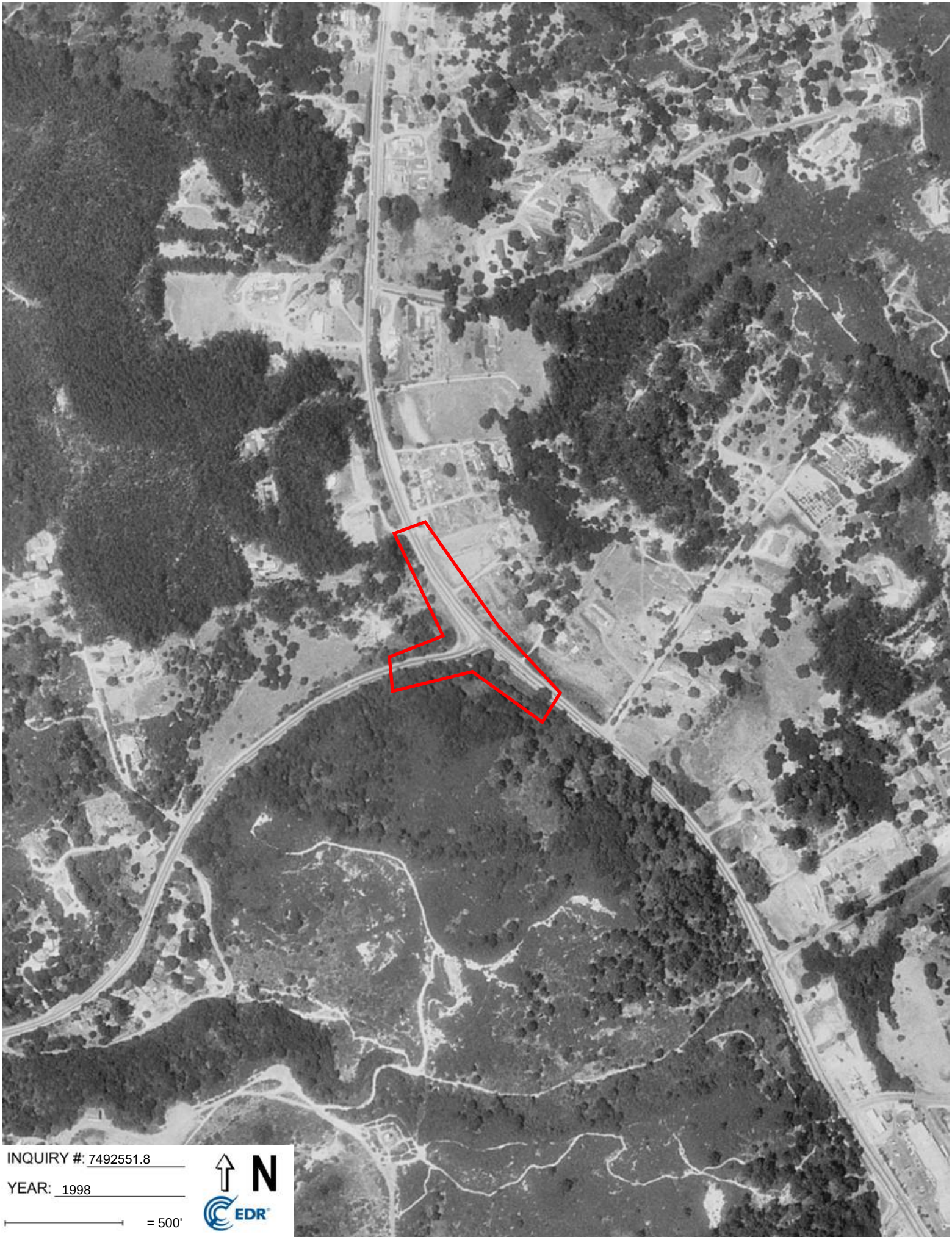
= 500'

N

EDR


INQUIRY #: 7492551.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 1982
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 1971
= 500'
N
EDR


INQUIRY #: 7492551.8
YEAR: 1968
= 500'
N
EDR

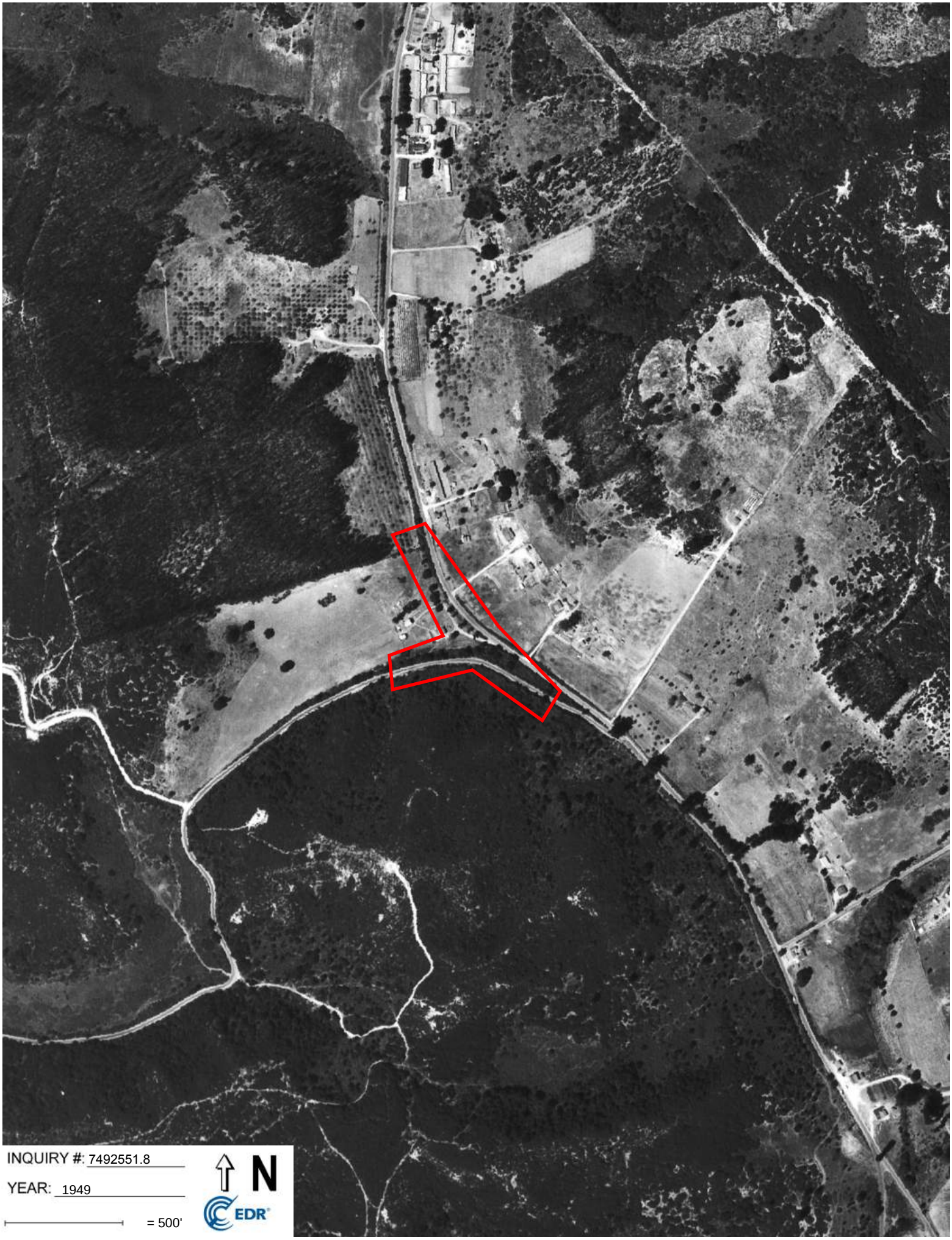
INQUIRY #: 7492551.8

YEAR: 1956

= 500'

N

EDR



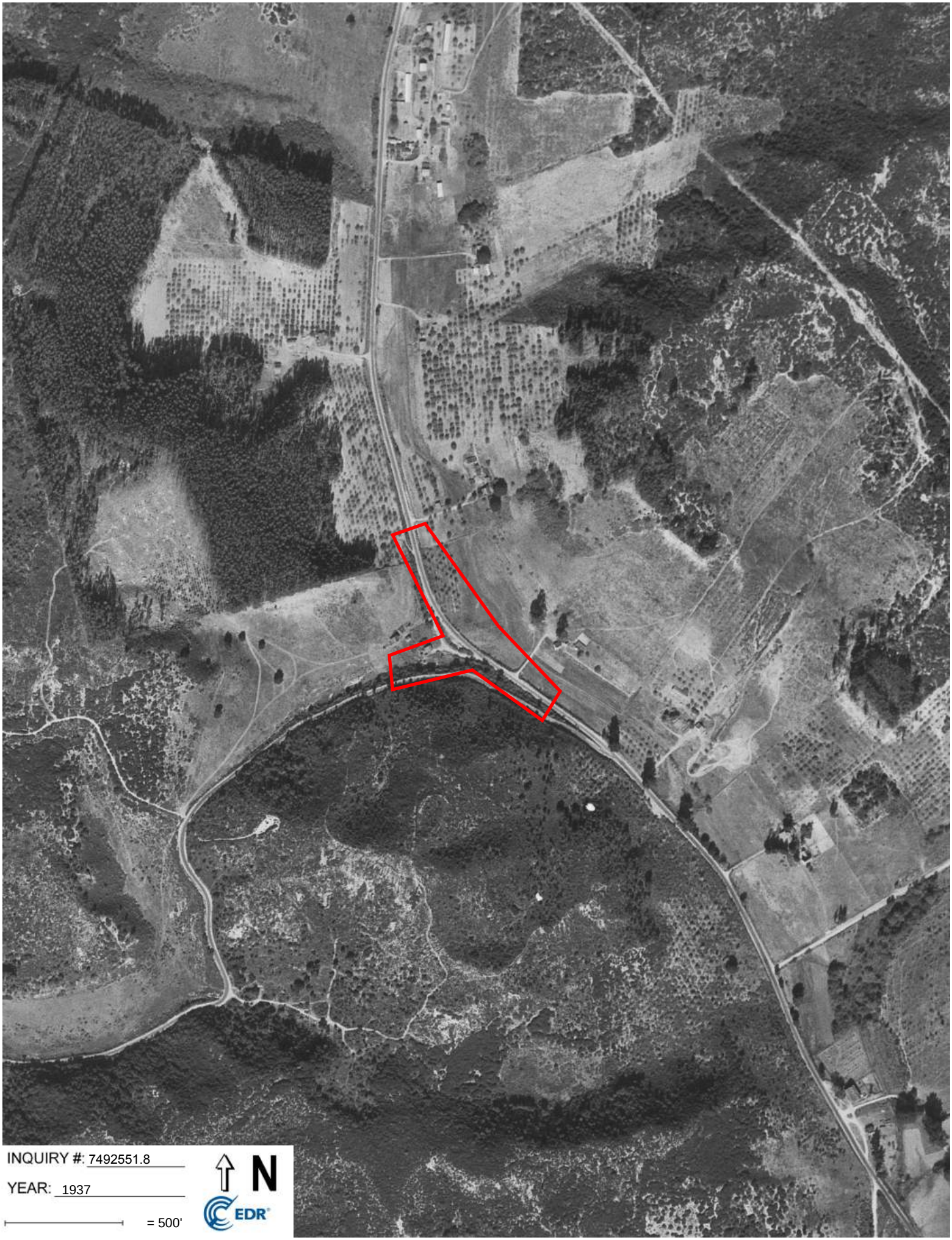
INQUIRY #: 7492551.8

YEAR: 1949

= 500'

N

EDR


INQUIRY #: 7492551.8
YEAR: 1937
= 500'
N
EDR

Prunedale Roundabout
Castroville Blvd @ San Miguel Canyon Rd.
Salinas, CA 93907

Inquiry Number: 7492551.2s
November 08, 2023

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

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

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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CASTROVILLE BLVD @ SAN MIGUEL CANYON RD.
SALINAS, CA 93907

COORDINATES

Latitude (North):	36.8083830 - 36° 48' 30.17''
Longitude (West):	121.6720810 - 121° 40' 19.49''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	618454.8
UTM Y (Meters):	4074235.8
Elevation:	184 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12021515 PRUNEDALE, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200527
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
CASTROVILLE BLVD @ SAN MIGUEL CANYON RD.
SALINAS, CA 93907

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	HARTS CLEANERS	2358 SAN MIGUEL CANY	EDR Hist Cleaner	Higher	1 ft.
A2	BRUCE DUNN	1084 SAN MIGUEL CANY	HWTS, HAZNET	Higher	1 ft.
B3	DOUGHERTY PUMP & DRI	2108 SAN MIGUEL CANY	RCRA NonGen / NLR	Higher	850, 0.161, NW
B4		2108 SAN MIGUEL CYN	AST	Higher	850, 0.161, NW
B5	DOUGHERTY PUMP AND D	2108 SAN MIGUEL CYN	AST, CERS HAZ WASTE, HIST UST, CERS TANKS, CUPA...	Higher	850, 0.161, NW
B6	DOUGHERTY PUMP & DRI	2108 SAN MIGUEL CANY	SWEEPS UST, CA FID UST	Higher	850, 0.161, NW
B7	DOUGHERTY PUMP & DRI	2108 SAN MIGUEL CANY	HIST UST	Higher	850, 0.161, NW
C8	C & C TANK CO. INC.	2106 SAN MIGUEL CANY	HIST UST	Higher	1167, 0.221, NNW
C9	C & C TANK CO. INC.	2106 SAN MIGUEL CANY	SWEEPS UST, CA FID UST, CUPA Listings	Higher	1167, 0.221, NNW
C10	C AND C TANK CO INC	2106 SAN MIGUEL CNYN	HIST UST	Higher	1167, 0.221, NNW
11	WELL 02		PFAS	Higher	1259, 0.238, NNE
12	EXXON SERVICE STATIO	2347 SAN MIGUEL CANY	LUST, Cortese, HIST CORTESE, CERS	Lower	2111, 0.400, SE
13	PRUNEDALE SHOPPING C	7905 SAN MIGUEL CANY	Cortese, ENF, WDR, CIWQS	Lower	2520, 0.477, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

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

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

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

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR ..... EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
UST ..... Active UST Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites

EXECUTIVE SUMMARY

US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
MINES MRDS ---- Mineral Resources Data System
FINDS ---- Facility Index System/Facility Registry System
ECHO ---- Enforcement & Compliance History Information
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
CHROME PLATING ---- Chrome Plating Facilities Listing
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- Inspection, Compliance and Enforcement
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
HAZMAT ---- Hazardous Material Facilities
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto---------- EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXXON SERVICE STATIO	***2347 SAN MIGUEL CANY***	***SE 1/4 - 1/2 (0.400 mi.)***	***12***	***35***

Database: LUST REG 3, Date of Government Version: 05/19/2003
Database: LUST, Date of Government Version: 06/05/2023
Status: Completed - Case Closed
Status: Remedial action (cleanup) Underway
Global Id: T0605300331
Global ID: T0605300331

Lists of state and tribal registered storage tanks

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

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	2108 SAN MIGUEL CYN	NW 1/8 - 1/4 (0.161 mi.)	B4	13
Database: AST, Date of Government Version: 07/06/2016				
DOUGHERTY PUMP AND D	***2108 SAN MIGUEL CYN***	***NW 1/8 - 1/4 (0.161 mi.)***	***B5***	***13***
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/17/2023 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGHERTY PUMP AND D	***2108 SAN MIGUEL CYN***	***NW 1/8 - 1/4 (0.161 mi.)***	***B5***	***13***

Local Lists of Registered Storage Tanks

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
DOUGHERTY PUMP & DRI	***2108 SAN MIGUEL CANY***	***NW 1/8 - 1/4 (0.161 mi.)***	***B6***	***22***
Status: A				
Tank Status: A				
Comp Number: 44912				
C & C TANK CO. INC.	***2106 SAN MIGUEL CANY***	***NNW 1/8 - 1/4 (0.221 mi.)***	***C9***	***25***
Status: A				
Tank Status: A				
Comp Number: 48895				

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
DOUGHERTY PUMP AND D	***2108 SAN MIGUEL CYN***	***NW 1/8 - 1/4 (0.161 mi.)***	***B5***	***13***
DOUGHERTY PUMP & DRI Facility Id: 00000044912	2108 SAN MIGUEL CANY	NW 1/8 - 1/4 (0.161 mi.)	B7	23
C & C TANK CO. INC. Facility Id: 00000048895	2106 SAN MIGUEL CANY	NNW 1/8 - 1/4 (0.221 mi.)	C8	24
C AND C TANK CO INC	2106 SAN MIGUEL CNYN	NNW 1/8 - 1/4 (0.221 mi.)	C10	26

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGHERTY PUMP & DRI Facility Id: 27002553 Status: A	***2108 SAN MIGUEL CANY***	***NW 1/8 - 1/4 (0.161 mi.)***	***B6***	***22***
C & C TANK CO. INC. Facility Id: 27002580 Status: A	***2106 SAN MIGUEL CANY***	***NNW 1/8 - 1/4 (0.221 mi.)***	***C9***	***25***

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

A review of the CERS TANKS list, as provided by EDR, and dated 07/17/2023 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGHERTY PUMP AND D	***2108 SAN MIGUEL CYN***	***NW 1/8 - 1/4 (0.161 mi.)***	***B5***	***13***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGHERTY PUMP & DRI	2108 SAN MIGUEL CANY	NW 1/8 - 1/4 (0.161 mi.)	B3	10

EXECUTIVE SUMMARY

EPA ID:: CAL000262507

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

A review of the PFAS list, as provided by EDR, and dated 06/02/2023 has revealed that there is 1 PFAS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WELL 02		NNE 1/8 - 1/4 (0.238 mi.)	11	27

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/14/2023 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXXON SERVICE STATIO	***2347 SAN MIGUEL CANY***	***SE 1/4 - 1/2 (0.400 mi.)***	***12***	***35***
Cleanup Status: COMPLETED - CASE CLOSED				
PRUNEDALE SHOPPING C	***7905 SAN MIGUEL CANY***	***SE 1/4 - 1/2 (0.477 mi.)***	***13***	***48***

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 2 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGHERTY PUMP AND D	***2108 SAN MIGUEL CYN***	***NW 1/8 - 1/4 (0.161 mi.)***	***B5***	***13***
Database: CUPA MONTEREY, Date of Government Version: 10/04/2021				
C & C TANK CO. INC.	***2106 SAN MIGUEL CANY***	***NNW 1/8 - 1/4 (0.221 mi.)***	***C9***	***25***
Database: CUPA MONTEREY, Date of Government Version: 10/04/2021				

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXXON SERVICE STATIO	***2347 SAN MIGUEL CANY***	***SE 1/4 - 1/2 (0.400 mi.)***	***12***	***35***
Reg Id: 644				

HWTS: DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

A review of the HWTS list, as provided by EDR, and dated 08/04/2023 has revealed that there is 1 HWTS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRUCE DUNN	***1084 SAN MIGUEL CANY***	***0 - 1/8 (0.000 mi.)***	***A2***	***9***

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2021 has revealed that there is 1 HAZNET site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRUCE DUNN GEPAID: CAC001015264	***1084 SAN MIGUEL CANY***	***0 - 1/8 (0.000 mi.)***	***A2***	***9***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARTS CLEANERS	2358 SAN MIGUEL CANY	0 - 1/8 (0.000 mi.)	A1	9

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7492551.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

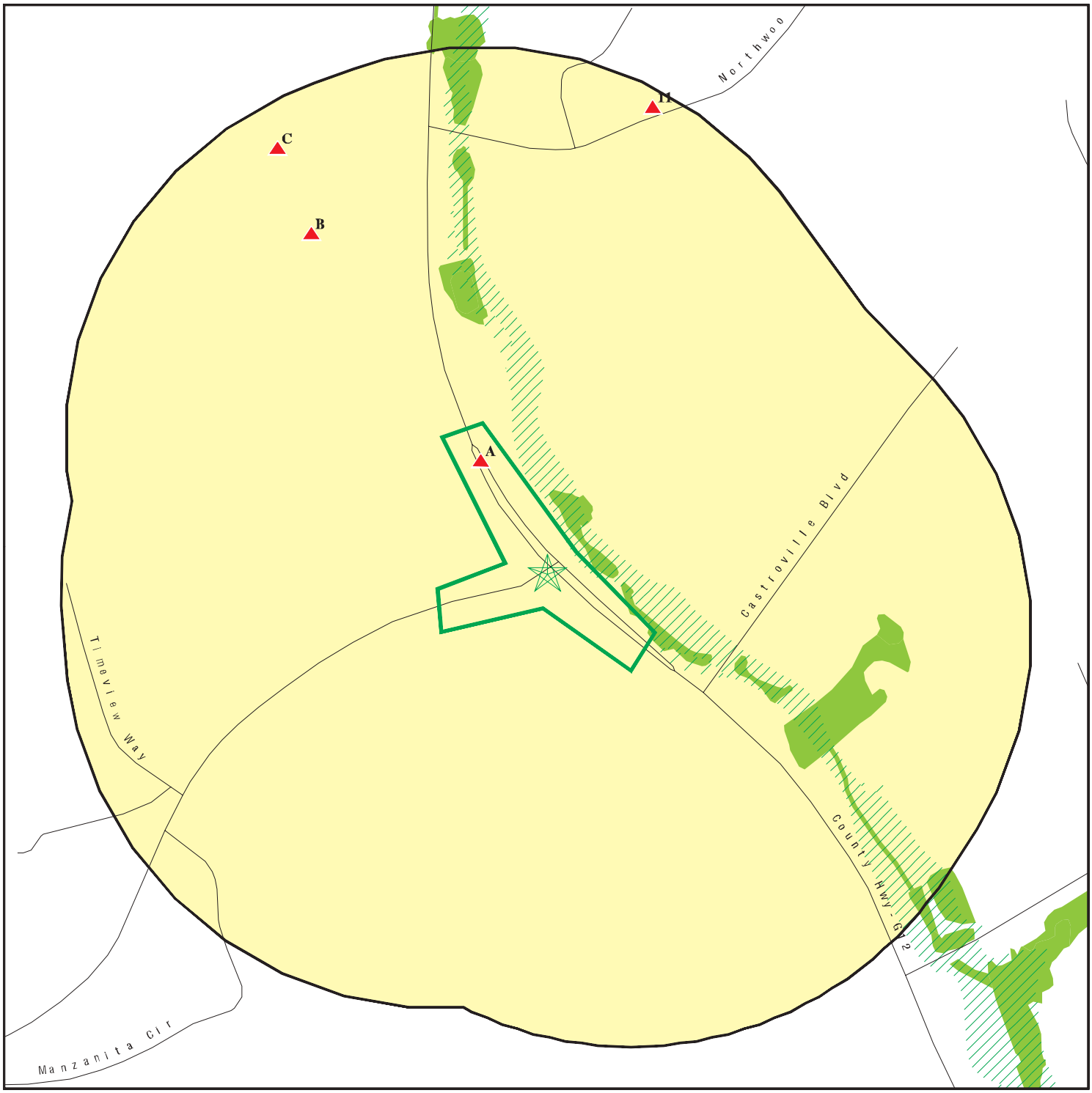
State Wetlands

Areas of Concern

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

SITE NAME:	Prunedale Roundabout	CLIENT:	Haro Environmental, Inc.
ADDRESS:	Castroville Blvd @ San Miguel Canyon Rd. Salinas CA 93907	CONTACT:	Elliot Haro
		INQUIRY #:	7492551.2s
LAT/LONG:	36.808383 / 121.672081	DATE:	November 08, 2023 4:00 pm

DETAIL MAP - 7492551.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- 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:	Prunedale Roundabout	CLIENT:	Haro Environmental, Inc.
ADDRESS:	Castroville Blvd @ San Miguel Canyon Rd. Salinas CA 93907	CONTACT:	Elliot Haro
		INQUIRY #:	7492551.2s
LAT/LONG:	36.808383 / 121.672081	DATE:	November 08, 2023 4:00 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of 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
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		0	4	NR	NR	NR	4
CA FID UST	0.250		0	2	NR	NR	NR	2
CERS TANKS	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	1	NR	NR	NR	1
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	2	NR	NR	2
CUPA Listings	0.250		0	2	NR	NR	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		1	NR	NR	NR	NR	1
HAZNET	0.001		1	NR	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

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
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	3	16	4	0	0	23

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **HARTS CLEANERS** **EDR Hist Cleaner** **1018743378**
2358 SAN MIGUEL CANYON RD **N/A**
< 1/8 **SALINAS, CA 93901**
1 ft.

Site 1 of 2 in cluster A

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
195 ft. 1975 HARTS CLEANERS Garment Pressing And Cleaners' Agents

---

A2 **BRUCE DUNN** **HWTS** **S112860129**
1084 SAN MIGUEL CANYON ROAD **HAZNET** **N/A**
< 1/8 **PRUNEDALE, CA 0**
1 ft.

Site 2 of 2 in cluster A

Relative: HWTS:
Higher

Actual:
193 ft.

Name:	BRUCE DUNN
Address:	1084 SAN MIGUEL CANYON ROAD
Address 2:	Not reported
City,State,Zip:	PRUNEDALE, CA 0
EPA ID:	CAC001015264
Inactive Date:	10/25/2000
Create Date:	01/22/1996
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	10 RINCON COURT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA CRUZ, CA 950600000
Owner Name:	BRUCE DUNN
Owner Address:	10 RINCON COURT
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA CRUZ, CA 950600000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	BRUCE DUNN
Contact Address:	10 RINCON COURT
Contact Address 2:	Not reported
City,State,Zip:	SANTA CRUZ, CA 950600000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	36.809456
Longitude:	-121.672883

HAZNET:

Name:	BRUCE DUNN
Address:	1084 SAN MIGUEL CANYON ROAD
Address 2:	Not reported
City,State,Zip:	PRUNEDALE, CA 000000000
Contact:	BRUCE DUNN
Telephone:	4084756501
Mailing Name:	Not reported
Mailing Address:	10 RINCON COURT

Year: 1996

BRUCE DUNN (Continued) **S112860129**

Gepaid:	CAC001015264
TSD EPA ID:	CAD004771168
CA Waste Code:	612 - Household waste
Disposal Method:	R01 - Recycler
Tons:	0.25

Additional Info:

Year:	1996
Gen EPA ID:	CAC001015264
Shipment Date:	19960123
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960123
Manifest ID:	95590445
Trans EPA ID:	CAD004771168
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD004771168
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

B3 **DOUGHERTY PUMP & DRILLING INC** **RCRA NonGen / NLR** **1024805229**
NW **2108 SAN MIGUEL CANYON RD** **CAL000262507**
1/8-1/4 **SALINAS, CA 93907**
0.161 mi.
850 ft. **Site 1 of 5 in cluster B**

Relative: **Higher**
Actual: **252 ft.**

RCRA Listings:

Date Form Received by Agency:	20021120
Handler Name:	Dougherty Pump & Drilling Inc
Handler Address:	2108 SAN MIGUEL CANYON RD
Handler City,State,Zip:	SALINAS, CA 93907
EPA ID:	CAL000262507
Contact Name:	CLIFFORD FASNACHT
Contact Address:	2108 SAN MIGUEL CANYON RD
Contact City,State,Zip:	SALINAS, CA 93907
Contact Telephone:	831-663-3562
Contact Fax:	831-663-3590
Contact Email:	PAULA.FASNACHT@DPD-INC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

DOUGHERTY PUMP & DRILLING INC (Continued) **1024805229**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2108 SAN MIGUEL CANYON RD
Mailing City,State,Zip:	SALINAS, CA 93907-0000
Owner Name:	Dougherty Pump & Drilling Inc
Owner Type:	Other
Operator Name:	Clifford Fasnacht
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CLIFFORD FASNACHT

DOUGHERTY PUMP & DRILLING INC (Continued) **1024805229**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2108 SAN MIGUEL CANYON RD
Owner/Operator City,State,Zip:	SALINAS, CA 93907
Owner/Operator Telephone:	831-663-3562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOUGHERTY PUMP & DRILLING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2108 SAN MIGUEL CANYON RD
Owner/Operator City,State,Zip:	SALINAS, CA 93907-0000
Owner/Operator Telephone:	831-663-3562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20021120
Handler Name:	DOUGHERTY PUMP & DRILLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23332
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B4 **AST** **A100336856**
NW **2108 SAN MIGUEL CYN RD** **N/A**
1/8-1/4 **SALINAS, CA**
0.161 mi.
850 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
252 ft.

AST:

Name:	Not reported
Address:	2108 SAN MIGUEL CYN RD
City/Zip:	SALINAS,
Certified Unified Program Agencies:	Monterey
Owner:	DOUGHERTY PUMP & DRILLING INC
Total Gallons:	1,340
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

B5 **DOUGHERTY PUMP AND DRILLING INC** **AST** **S116677194**
NW **2108 SAN MIGUEL CYN RD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SALINAS, CA 93907** **HIST UST**
0.161 mi. **CERS TANKS**
850 ft. **Site 3 of 5 in cluster B** **CUPA Listings**
CERS

Relative:
Higher

Actual:
252 ft.

AST:

Name:	DOUGHERTY PUMP & DRILLING INC
Address:	2108 SAN MIGUEL CYN RD
City/Zip:	SALINAS,93907
Certified Unified Program Agencies:	Not reported
Owner:	DOUGHERTY PUMP & DRILLING INC
Total Gallons:	Not reported
CERSID:	10433749
Facility ID:	Not reported
Business Name:	DOUGHERTY PUMP & DRILLING INC
Phone:	(831) 663-3562
Fax:	831-663-3590
Mailing Address:	2108 SAN MIGUEL CYN RD
Mailing Address City:	SALINAS
Mailing Address State:	CA

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Mailing Address Zip Code:	93907
Operator Name:	FASNACHT, CLIFFORD
Operator Phone:	8316633562
Owner Phone:	8316633562
Owner Mail Address:	2108 SAN MIGUEL CYN RD
Owner State:	CA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Clifford Fasnacht
Property Owner Phone:	831.663.3562
Property Owner Mailing Address:	2108 SAN MIGUEL CYN RD
Property Owner City:	SALINAS
Property Owner Stat :	CA
Property Owner Zip Code:	93907
Property Owner Country:	United States
EPAID:	CAL000262507

CERS HAZ WASTE:

Name:	DOUGHERTY PUMP & DRILLING INC
Address:	2108 SAN MIGUEL CYN RD
City,State,Zip:	SALINAS, CA 93907
Site ID:	112488
CERS ID:	10433749
CERS Description:	Hazardous Waste Generator

HIST UST:

Name:	DOUGHERTY PUMP AND DRILLING INC
Address:	2108 SAN MIGUEL CYN RD
City,State,Zip:	SALINAS, CA 93907
File Number:	0002e1c6
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002e1c6.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CERS TANKS:
Name: DOUGHERTY PUMP & DRILLING INC
Address: 2108 SAN MIGUEL CYN RD
City,State,Zip: SALINAS, CA 93907
Site ID: 112488
CERS ID: 10433749
CERS Description: Aboveground Petroleum Storage

CUPA MONTEREY:
Name: DOUGHERTY PUMP & DRILLING INC
Address: 2108 SAN MIGUEL CYN RD
City,State,Zip: SALINAS, CA
Facility Id: FA0814942
Region: MONTEREY
Program/Element Code: 5040
Program/Element: 5040 - BASE FEE-HAZARDOUS MATERIALS REGISTRATION
Billing Status: 01 - ACTIVE, BILLABLE
EDR Link ID: FA0814942
Mailing Address: 2108 SAN MIGUEL CYN RD SALINAS CA 93907-0000
Mailing Address Care Of: FASNACHT, CLIFFORD
Mailing City State Zip: SALINAS CA 93907
Program Identifier: Not reported
Owner ID: OW0804174
Last Billing Date: 05/26/2016
Last Payment Date: 07/06/2015
Last Payment Amount: 910.00
Total Fee Amount: 548.00
Total Amount Paid: Not reported
Units: 1
Financial Status: (none)
Phone: 8316633562
Last Activity Date: 08/11/2021
Prior Inspection Date: 12/08/2018
Current Inspection Date: 08/11/2022
Record ID: PR0604854
Email: Not reported

Name: DOUGHERTY PUMP & DRILLING INC
Address: 2108 SAN MIGUEL CYN RD
City,State,Zip: SALINAS, CA
Facility Id: FA0814942
Region: MONTEREY
Program/Element Code: 512J
Program/Element: 512J - WASTE OIL,NONCHLORINATED SAFETY SOLVENTS
Billing Status: 01 - ACTIVE, BILLABLE
EDR Link ID: FA0814942
Mailing Address: 2108 SAN MIGUEL CYN RD SALINAS CA 93907-0000
Mailing Address Care Of: FASNACHT, CLIFFORD
Mailing City State Zip: SALINAS CA 93907
Program Identifier: Not reported

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Owner ID:	OW0804174
Last Billing Date:	05/26/2016
Last Payment Date:	07/06/2015
Last Payment Amount:	910.00
Total Fee Amount:	548.00
Total Amount Paid:	Not reported
Units:	1
Financial Status:	(none)
Phone:	8316633562
Last Activity Date:	08/11/2021
Prior Inspection Date:	12/08/2018
Current Inspection Date:	08/11/2022
Record ID:	PR0611199
Email:	Not reported

CERS:

Name:	DOUGHERTY PUMP & DRILLING INC
Address:	2108 SAN MIGUEL CYN RD
City,State,Zip:	SALINAS, CA 93907
Site ID:	112488
CERS ID:	10433749
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	112488
Site Name:	DOUGHERTY PUMP & DRILLING INC
Violation Date:	04-21-2022
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/21/2022. Wrong violations noted to this business. Everything is in compliance with this facility.
Violation Division:	Monterey County Health Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	112488
Site Name:	DOUGHERTY PUMP & DRILLING INC
Violation Date:	04-21-2022
Citation:	22 CCR 23 66273.32(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.32(a)
Violation Description:	Failure of a universal waste handler to send written notification of universal waste management to the USEPA Regional Administrator and obtain a federal ID Number prior to accumulating 5,000 kilograms or more of universal waste.
Violation Notes:	Returned to compliance on 04/21/2022. Wrong violations noted to this business. This facility is in compliance.
Violation Division:	Monterey County Health Department
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	09-08-2020
Violations Found:	No

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-17-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: DOUGHERTY PUMP AND DRILLING
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: DOUGHERTY PUMP AND DRILLING
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: SPCC plan had been last evaluated on 12/30/21. No violations noted.
Eval Division: Monterey County Health Department

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection. Compressed gases properly chained up and proper labeling observed.
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-17-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-30-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-04-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Manifest provided upon request. Good paperwork organization.
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-17-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Monterey County Health Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: DOUGHERTY PUMP AND DRILLING
Eval Division: Monterey County Health Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Monterey County Health Department
Eval Program: APSA
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: FASNACHT, CLIFFORD
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (831) 663-3562,

Affiliation Type Desc: CUPA District
Entity Name: Monterey Cnty Health Dept
Entity Title: Not reported
Affiliation Address: 1270 Natividad Road

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Affiliation City:	Salinas
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93906
Affiliation Phone:	(831) 796-1269,
Affiliation Type Desc:	Document Preparer
Entity Name:	Clayton Hamilton
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2108 SAN MIGUEL CYN RD
Affiliation City:	SALINAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93907
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Clifford Fasnacht
Entity Title:	Not reported
Affiliation Address:	2108 SAN MIGUEL CYN RD
Affiliation City:	SALINAS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93907
Affiliation Phone:	(831) 663-3562,
Affiliation Type Desc:	Environmental Contact
Entity Name:	FASNACHT, CLIFFORD
Entity Title:	Not reported
Affiliation Address:	2108 SAN MIGUEL CYN RD
Affiliation City:	SALINAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93907
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Clayton Hamilton
Entity Title:	Foreman
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner

DOUGHERTY PUMP AND DRILLING INC (Continued) **S116677194**

Entity Name:	DOUGHERTY PUMP & DRILLING INC
Entity Title:	Not reported
Affiliation Address:	2108 SAN MIGUEL CYN RD
Affiliation City:	SALINAS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93907-0000
Affiliation Phone:	(831) 663-3562,
Affiliation Type Desc:	Parent Corporation
Entity Name:	DOUGHERTY PUMP & DRILLING INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

B6 **DOUGHERTY PUMP & DRILLING, INC** **SWEEPS UST** **S101622765**
NW **2108 SAN MIGUEL CANYON RD** **CA FID UST** **N/A**
1/8-1/4 **SALINAS, CA 93907**
0.161 mi.
850 ft. **Site 4 of 5 in cluster B**

Relative:
Higher

Actual:
252 ft.

SWEEPS UST:

Name:	DOUGHERTY PUMP & DRILLING, INC
Address:	2108 SAN MIGUEL CANYON RD
City:	SALINAS
Status:	Active
Comp Number:	44912
Number:	9
Board Of Equalization:	44-015021
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	07-31-88
Owner Tank Id:	1
SWRCB Tank Id:	27-000-044912-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2
Name:	DOUGHERTY PUMP & DRILLING, INC
Address:	2108 SAN MIGUEL CANYON RD
City:	SALINAS
Status:	Active
Comp Number:	44912
Number:	9
Board Of Equalization:	44-015021
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	07-31-88
Owner Tank Id:	2

DOUGHERTY PUMP & DRILLING, INC (Continued) **S101622765**

SWRCB Tank Id: 27-000-044912-000002
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 27002553
Regulated By: UTNKA
Regulated ID: 00044912
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4086633562
Mail To: Not reported
Mailing Address: 2108 SAN MIGUEL CANYON RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SALINAS 93907
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

B7 **DOUGHERTY PUMP & DRILLING, INC** **HIST UST** **U001593330**
NW **2108 SAN MIGUEL CANYON RD** **N/A**
1/8-1/4 **SALINAS, CA 93907**
0.161 mi.
850 ft. **Site 5 of 5 in cluster B**

Relative:
Higher

Actual:
252 ft.

HIST UST:
Name: DOUGHERTY PUMP & DRILLING, INC
Address: 2108 SAN MIGUEL CANYON RD
City,State,Zip: SALINAS, CA 93907
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000044912
Facility Type: Other
Other Type: DRILLING CO.
Contact Name: Not reported
Telephone: 4086633562
Owner Name: DOUGHERTY PUMP & DRILLING, INC
Owner Address: 2108 SAN MIGUEL CYN. RD.
Owner City,St,Zip: SALINAS, CA 93907
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM

DOUGHERTY PUMP & DRILLING, INC (Continued) **U001593330**

Container Construction Thickness: 10
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 10
Leak Detection: Visual

C8 **C & C TANK CO. INC.** **HIST UST** **U001593325**
NNW **2106 SAN MIGUEL CANYON RD** **N/A**
1/8-1/4 **SALINAS, CA 93907**
0.221 mi.
1167 ft. **Site 1 of 3 in cluster C**

Relative: HIST UST:
Higher
Actual: Name: C & C TANK CO. INC.
243 ft. Address: 2106 SAN MIGUEL CANYON RD
City,State,Zip: SALINAS, CA 93907
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000048895
Facility Type: Other
Other Type: TANK MFG.
Contact Name: JOHN SPANGLER
Telephone: 4086634938
Owner Name: C & C TANK CO. INC.
Owner Address: 2106 SAN MIGUEL CNYN RD.
Owner City,St,Zip: SALINAS, CA 93907
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1977
Tank Capacity: 00000600
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 12
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: 1977
Tank Capacity: 00000600
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 12
Leak Detection: Pressure Test

C9
NNW
1/8-1/4
0.221 mi.
1167 ft.

C & C TANK CO. INC.
2106 SAN MIGUEL CANYON RD
SALINAS, CA 93907

Site 2 of 3 in cluster C

SWEEPS UST **S101622763**
CA FID UST **N/A**
CUPA Listings

Relative:
Higher

Actual:
243 ft.

SWEEPS UST:

Name:	C & C TANK CO. INC.
Address:	2106 SAN MIGUEL CANYON RD
City:	SALINAS
Status:	Active
Comp Number:	48895
Number:	9
Board Of Equalization:	44-015040
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	07-31-88
Owner Tank Id:	1
SWRCB Tank Id:	27-000-048895-000001
Tank Status:	A
Capacity:	600
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	2

Name:	C & C TANK CO. INC.
Address:	2106 SAN MIGUEL CANYON RD
City:	SALINAS
Status:	Active
Comp Number:	48895
Number:	9
Board Of Equalization:	44-015040
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	07-31-88
Owner Tank Id:	2
SWRCB Tank Id:	27-000-048895-000002
Tank Status:	A
Capacity:	600
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	27002580
Regulated By:	UTNKA
Regulated ID:	00048895
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4086634938
Mail To:	Not reported
Mailing Address:	2106 SAN MIGUEL CANYON RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SALINAS 93907
Contact:	Not reported

C & C TANK CO. INC. (Continued) **S101622763**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CUPA MONTEREY:
Name: CUSTOM EQUIPMENT CO**CLOSED**
Address: 2106 SAN MIGUEL CANYON RD
City,State,Zip: SALINAS, CA
Facility Id: FA0814941
Region: MONTEREY
Program/Element Code: 5040
Program/Element: 5040 - BASE FEE-HAZARDOUS MATERIALS REGISTRATION
Billing Status: 02 - INACTIVE, NON-BILLABLE
EDR Link ID: FA0814941
Mailing Address: 90 ROCK CREEK RD. STE 9 COPPEROPOLIS CA 95228
Mailing Address Care Of: ATTN: ROBINSON, BUDDY
Mailing City State Zip: SALINAS CA 93902
Program Identifier: HAZ MAT FACILITY
Owner ID: OW0804173
Last Billing Date: 05/18/2005
Last Payment Date: 05/27/2005
Last Payment Amount: 45.00
Total Fee Amount: 370.00
Total Amount Paid: 370.00
Units: Not reported
Financial Status: Financially compliant
Phone: 8317589891
Last Activity Date: 08/09/2005
Prior Inspection Date: 12/01/2001
Current Inspection Date: 07/12/2006
Record ID: PR0604853
Email: Not reported

C10 **C AND C TANK CO INC** **HIST UST** **S118408246**
NNW **2106 SAN MIGUEL CNYN RD** **N/A**
1/8-1/4 **SALINAS, CA 93907**
0.221 mi.
1167 ft. **Site 3 of 3 in cluster C**

Relative: **Higher**
Actual: **243 ft.**

HIST UST:
Name: C AND C TANK CO INC
Address: 2106 SAN MIGUEL CNYN RD
City,State,Zip: SALINAS, CA 93907
File Number: 0002a771
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002a771.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported

C AND C TANK CO INC (Continued) **S118408246**

Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

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11 **WELL 02** **PFAS** **S127521377**
NNE **N/A**
1/8-1/4 **SALINAS, CA**
0.238 mi.
1259 ft.

Relative: **Higher**

Actual: **257 ft.**

PFAS:

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFOA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported

WELL 02 (Continued) **S127521377**

Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFOS
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported

WELL 02 (Continued) **S127521377**

Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

WELL 02 (Continued) **S127521377**

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	HFPA-DA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	9ClPF3ONS
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells

WELL 02 (Continued) **S127521377**

Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported

WELL 02 (Continued) **S127521377**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL: Not reported	
Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	<

WELL 02 (Continued) **S127521377**

Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported

WELL 02 (Continued) **S127521377**

City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Name:	WELL 02
Address:	Not reported
City,State,Zip:	SALINAS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0602702198
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

WELL 02 (Continued) **S127521377**

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA2702198_002_002
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	5/6/2020
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	36.662493
Longitude:	-121.552801
Geo Tracker URL:	Not reported

Click this hyperlink while viewing on your computer to access
8 additional CA PFAS: record(s) in the EDR Site Report.

12
SE
1/4-1/2
0.400 mi.
2111 ft.

EXXON SERVICE STATION
2347 SAN MIGUEL CANYON RD
PRUNEDALE, CA 93901

LUST **S105025645**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Lower

Actual:
156 ft.

LUST:

Name:	EXXON SERVICE STATION
Address:	2347 SAN MIGUEL CANYON RD
City,State,Zip:	PRUNEDALE, CA 93901
Lead Agency:	CENTRAL COAST RWQCB (REGION 3)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605300331
Global Id:	T0605300331
Latitude:	36.802557304
Longitude:	-121.666391033333
Status:	Completed - Case Closed
Status Date:	05/05/2021
Case Worker:	TAS
RB Case Number:	644
Local Agency:	MONTEREY COUNTY
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	05/07/1986
Leak Reported Date:	05/07/1986
How Discovered:	Not reported

EXXON SERVICE STATION (Continued) **S105025645**

How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 05/05/2021
CA Water Watershed Name: Salinas - Chualar (309.20)
Dwr Groundwater Subbasin Name: Salinas Valley - Langley Area (3-004.09)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 21-25%
CA Enviroscreen 4 Score: 10-15%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL COAST RWQCB (REGION 3)
Site History: Not reported

LUST:
Global Id: T0605300331
Contact Type: Local Agency Caseworker
Contact Name: CORY WELCH
Organization Name: MONTEREY COUNTY
Address: 1270 NATIVIDAD ROAD, RM 301
City: SALINAS
Email: welchc@co.monterey.ca.us
Phone Number: 8317554570

Global Id: T0605300331
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: TOM SAYLES
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO
Email: tom.sayles@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 12/19/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 02/07/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: File review

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 07/20/2009
Action: 13267 Requirement

Global Id: T0605300331

EXXON SERVICE STATION (Continued) **S105025645**

Action Type: ENFORCEMENT
Date: 07/19/2011
Action: 13267 Requirement

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 09/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 12/30/2020
Action: Well Destruction Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 09/29/2018
Action: Other Report / Document

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 08/03/2005

EXXON SERVICE STATION (Continued) **S105025645**

Action: Meeting

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 08/03/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 01/08/2009
Action: File review

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 12/22/2008
Action: File review

Global Id: T0605300331
Action Type: Other
Date: 05/07/1986
Action: Leak Discovery

Global Id: T0605300331
Action Type: Other
Date: 05/07/1986
Action: Leak Reported

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2002
Action: Soil and Water Investigation Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/21/2002
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 06/20/2002
Action: Soil and Water Investigation Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2002
Action: Soil and Water Investigation Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 12/20/2002
Action: Soil and Water Investigation Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2006
Action: Monitoring Report - Quarterly

EXXON SERVICE STATION (Continued) **S105025645**

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2017
Action: Conceptual Site Model

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 06/16/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 02/25/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT

EXXON SERVICE STATION (Continued) **S105025645**

Date: 02/04/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 03/29/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 05/16/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 04/17/2014
Action: 13267 Requirement

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 06/29/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 09/02/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 01/15/2019
Action: Notification - Public Notice of Case Closure

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2009
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 02/20/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2011
Action: Monitoring Report - Semi-Annually

EXXON SERVICE STATION (Continued) **S105025645**

Global Id: T0605300331
Action Type: RESPONSE
Date: 04/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 04/20/2007
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 05/12/2000
Action: Other Report / Document

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 08/06/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 06/10/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 11/18/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 08/05/2003
Action: Site Visit / Inspection / Sampling - #n/a

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 06/30/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 03/25/2004
Action: Rescission of Enforcement Action

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 07/13/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 04/22/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT

EXXON SERVICE STATION (Continued) **S105025645**

Date: 04/23/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 08/18/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 01/20/2003
Action: Staff Letter

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 02/21/1991
Action: Staff Letter

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 09/13/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 06/10/2010
Action: File review

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 07/24/2014
Action: 13267 Requirement

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 07/19/2018
Action: Staff Letter

Global Id: T0605300331
Action Type: RESPONSE
Date: 12/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2006
Action: Monitoring Report - Quarterly

EXXON SERVICE STATION (Continued) **S105025645**

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2006
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/31/2007
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 11/20/2015
Action: Soil and Water Investigation Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/08/2013
Action: Remedial Progress Report - Regulator Responded

Global Id: T0605300331
Action Type: RESPONSE
Date: 06/30/2013
Action: Pilot Study/ Treatability Report - Regulator Responded

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2014
Action: CAP/RAP - Feasibility Study Report - Regulator Responded

Global Id: T0605300331
Action Type: RESPONSE
Date: 06/07/2018
Action: Request for Closure - Regulator Responded

Global Id: T0605300331
Action Type: REMEDIATION
Date: 01/01/1987
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605300331
Action Type: REMEDIATION

EXXON SERVICE STATION (Continued) **S105025645**

Date: 01/01/2001
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605300331
Action Type: REMEDIATION
Date: 08/01/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0605300331
Action Type: REMEDIATION
Date: 08/01/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0605300331
Action Type: REMEDIATION
Date: 08/01/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 09/18/2000
Action: Staff Letter

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 03/10/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 02/06/2013
Action: 13267 Requirement

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 04/29/2019
Action: 13267 Requirement

Global Id: T0605300331
Action Type: ENFORCEMENT
Date: 05/05/2021
Action: Closure/No Further Action Letter

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

EXXON SERVICE STATION (Continued) **S105025645**

Global Id: T0605300331
Action Type: RESPONSE
Date: 04/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 04/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2008
Action: Monitoring Report - Quarterly

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/28/2011
Action: Correspondence

Global Id: T0605300331
Action Type: RESPONSE
Date: 03/10/2011
Action: Correspondence

Global Id: T0605300331
Action Type: RESPONSE
Date: 11/30/2010
Action: Correspondence

Global Id: T0605300331
Action Type: RESPONSE
Date: 08/02/2018
Action: Soil and Water Investigation Workplan

Global Id: T0605300331
Action Type: RESPONSE
Date: 10/20/2017
Action: Remedial Progress Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 07/20/2016
Action: Remedial Progress Report

Global Id: T0605300331
Action Type: RESPONSE
Date: 01/20/2017
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0605300331
Status: Open - Case Begin Date
Status Date: 05/07/1986

Global Id: T0605300331
Status: Open - Remediation

EXXON SERVICE STATION (Continued) **S105025645**

Status Date: 04/15/1998

Global Id: T0605300331
Status: Open - Remediation
Status Date: 06/08/2000

Global Id: T0605300331
Status: Open - Remediation
Status Date: 08/06/2002

Global Id: T0605300331
Status: Open - Remediation
Status Date: 06/10/2014

Global Id: T0605300331
Status: Open - Eligible for Closure
Status Date: 07/19/2018

Global Id: T0605300331
Status: Completed - Case Closed
Status Date: 05/05/2021

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Global ID: T0605300331
Status: Remedial action (cleanup) Underway
Case Number: 644
Local Case Num: Not reported
Case Type: O
Substance: Gasoline
Quantity: Not reported
Abatement Method: Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Leak Source: UNK
Leak Cause: UNK
How Stopped: Not reported
How Discovered: Not reported
Release Date: 05/07/1986
Discovered Date: 5/7/86
Enter Date: 07/27/1987
Stop Date: Not reported
Review Date: 09/26/2002
Enforce Date: 3/13/87
Close Date: Not reported
Enforcement Type: NONE
Responsible Party: GARY AGUIAR
RP Address: 1511 ABBOTT ST
Contact: Not reported
Cross Street: MORO ROAD
Local Agency: 27000
Lead Agency: Regional Board
Staff Initials: JWG
Confirm Leak: Not reported
Workplan: Not reported

EXXON SERVICE STATION (Continued) **S105025645**

Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: 6/8/00
Remedial Action: 8/6/02
Monitoring: / /
Pilot Program: UST
Interim Action: y
Funding: y
MTBE Class: A
Max MTBE Grnd Wtr: 62000
Max MTBE Soil: Not reported
Max MTBE Data: 04/29/2002
MTBE Tested: YES
Lat/Long: 36.8025323 / -121.6664827
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 10
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 9.20
Beneficial: MUN
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

CORTESE:
Name: EXXON SERVICE STATION
Address: 2347 SAN MIGUEL CANYON RD
City,State,Zip: PRUNEDALE, CA 93901
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605300331
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EXXON SERVICE STATION (Continued) **S105025645**

HIST CORTESE:

edr_fname:	EXXON SERVICE STATION
edr_fadd1:	2347 SAN MIGUEL CNYN
City,State,Zip:	PRUNEDALE, CA 93901
Region:	CORTESE
Facility County Code:	27
Reg By:	LTNKA
Reg Id:	644

CERS:

Name:	STURDY OIL COMPANY
Address:	2347 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907-8834
Site ID:	496659
CERS ID:	110021343955
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	EXXON SERVICE STATION
Address:	2347 SAN MIGUEL CANYON RD
City,State,Zip:	PRUNEDALE, CA 93901
Site ID:	653181
CERS ID:	T0605300331
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	TOM SAYLES - CENTRAL COAST RWQCB (REGION 3)
Entity Title:	Not reported
Affiliation Address:	895 AEROVISTA PL, SUITE 101
Affiliation City:	SAN LUIS OBISPO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CORY WELCH - MONTEREY COUNTY
Entity Title:	Not reported
Affiliation Address:	1270 NATIVIDAD ROAD, RM 301
Affiliation City:	SALINAS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8317554570,

13
SE
1/4-1/2
0.477 mi.
2520 ft.

PRUNEDALE SHOPPING CENTER **Cortese** **S110985277**
7905 SAN MIGUEL CANYON ROAD **ENF** **N/A**
PRUNEDALE, CA 93907 **WDR**
CIWQS

Relative:
Lower

Actual:
138 ft.

CORTESE:

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	CORTESE

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Clean-up and Abatement Order
Swat R:	Not reported
Flag:	CORTESE
Order No:	86-07
Waste Discharge System No:	Not reported
Effective Date:	01/10/1986
Region 2:	3
WID Id:	3 271027001
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	299196
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	01/06/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/06/2006
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV for Prunedale Shopping Center
Description:	NOV for ph, flow and reporting violations.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	256625
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	05/24/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/24/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Failed to submit semi-annual report.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	256221
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	03/04/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/04/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Incomplete monitoring report.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	256180
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	02/02/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/02/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Failure to pay annual fees.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	255625
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/18/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/18/2005

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Failed to submit semiannual report.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	252977
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/08/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/08/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Discharger failed to submit semi-annual report.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Direction/Voice:	Passive
Enforcement Id(EID):	243034
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/05/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/05/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Failed to submit semi-annual report.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	226991
Region:	3
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	12/15/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	6/8/2000
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 3 271027001
Description:	Failure to submit required reports. Semiannual reports were due 4/20/99 and 11/20/99.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	6/8/2000
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Total $ Paid/Completed Amount:	0
Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	369363
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	04/27/2009
Adoption/Issuance Date:	04/27/2009
Achieve Date:	Not reported
Termination Date:	04/27/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	VER for Prunedale Shopping Center
Description:	Not reported
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	369361
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	04/24/2009
Adoption/Issuance Date:	04/24/2009
Achieve Date:	Not reported
Termination Date:	04/24/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	VER for BURCH GROUP
Description:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	356107
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	11/25/2008
Adoption/Issuance Date:	11/25/2008
Achieve Date:	Not reported
Termination Date:	11/25/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV for Prunedale Shopping Center LLC.
Description:	NOV issued for unauthorized dischardge from leachfield surfacing onto the upper east parking lot next to discharger's facility. Staff observed violations on 10/23/2008.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	313509

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/14/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/14/2006
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL for Prunedale Shopping Center
Description:	Failure To Comply notice sent for violations associated with CAO.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	307804
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	06/10/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/10/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV for Prunedale Shopping Center
Description:	NOV letter sent following failure to submit late report due 04/20/2005, FTS letter had already been sent 05/24/2005.
Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	304268
Region:	3
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/10/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/10/2006
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV for Prunedale Shopping Center
Description:	NOV sent on 5/10/2006 for failure to submit completed report of waste discharge.
Program:	WDRMUNIOTH
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Region:	3
Facility Id:	249380
Agency Name:	Moffett Creek Ranch
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Municipal/Domestic
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	36.80299
Place Longitude:	-121.66293
SIC Code 1:	59
SIC Desc 1:	Miscellaneous retail
SIC Code 2:	4952
SIC Desc 2:	Sewerage Systems
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.00615
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNIOTH
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	3 271027001
Reg Measure Id:	143411
Reg Measure Type:	WDR
Region:	3
Order #:	86-07
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	03/20/2015
Effective Date:	01/10/1986
Expiration/Review Date:	05/18/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	2/21/2001
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	304200
Region:	3
Order / Resolution Number:	R3-2006-0039
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/26/2006
Adoption/Issuance Date:	05/26/2006
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	CAO R3-2006-0039 for Prunedale Shopping Center
Description:	Cleanup and Abatement Order issued on 5/26/06.
Program:	WDRMUNIOTH

PRUNEDALE SHOPPING CENTER (Continued) **S110985277**

Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WDR:

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Global ID:	WDR100033409
Status:	ACTIVE - WDR
Census Tract:	Not reported

CIWQS:

Name:	PRUNEDALE SHOPPING CENTER
Address:	7905 SAN MIGUEL CANYON ROAD
City,State,Zip:	PRUNEDALE, CA 93907
Agency:	Moffett Creek Ranch
Agency Address:	Po Box 1307, Grass Valley, CA 94945
Place/Project Type:	Domestic Site NEC
SIC/NAICS:	59(+)
Region:	3
Program:	WDRMUNIOTH
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	86-07
WDID:	3 271027001
NPDES Number:	Not reported
Adoption Date:	01/10/1986
Effective Date:	01/10/1986
Termination Date:	Not reported
Expiration/Review Date:	05/18/2015
Design Flow:	0.00615
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	3
Latitude:	36.80299
Longitude:	-121.66293

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

Lists of Federal NPL (Superfund) sites

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
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

Lists of Federal Delisted NPL sites

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
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: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

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

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

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

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

LUST REG 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 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: No Update Planned

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

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

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

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

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

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 81

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 81

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98
Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74
Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
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: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

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

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 110

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
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: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing

A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2023
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 75
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

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

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 75
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 78
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

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

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/14/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

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

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

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

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/14/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 06/29/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/19/2023
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
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: 05/08/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/06/2023
Date Data Arrived at EDR: 06/07/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20
Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

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

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

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

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/06/2023
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

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

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196
Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/27/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 77

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/02/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

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

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 13

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

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

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/31/2023
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

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

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

Source: N/A
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/21/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/14/2023
Number of Days to Update: 78

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/10/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/19/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

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

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

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

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 48

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

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

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 82

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 80

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

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

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

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

MARIN COUNTY:

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

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

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 77

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Annually

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

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2023
Date Data Arrived at EDR: 07/11/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 77
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/25/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/25/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/18/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/16/2023
Date Made Active in Reports: 11/01/2023
Number of Days to Update: 77
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 79

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/04/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/09/2023
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/08/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

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

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/10/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

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

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/01/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 78

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 07/12/2023
Date Made Active in Reports: 09/26/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/20/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 75
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 80
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 05/26/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 12
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 56
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/11/2023
Number of Days to Update: 77

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PRUNEDALE ROUNDABOUT
CASTROVILLE BLVD @ SAN MIGUEL CANYON RD.
SALINAS, CA 93907

TARGET PROPERTY COORDINATES

Latitude (North):	36.808383 - 36° 48' 30.18''
Longitude (West):	121.672081 - 121° 40' 19.49''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	618454.8
UTM Y (Meters):	4074235.8
Elevation:	184 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12021515 PRUNEDALE, CA
Version Date:	2018

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

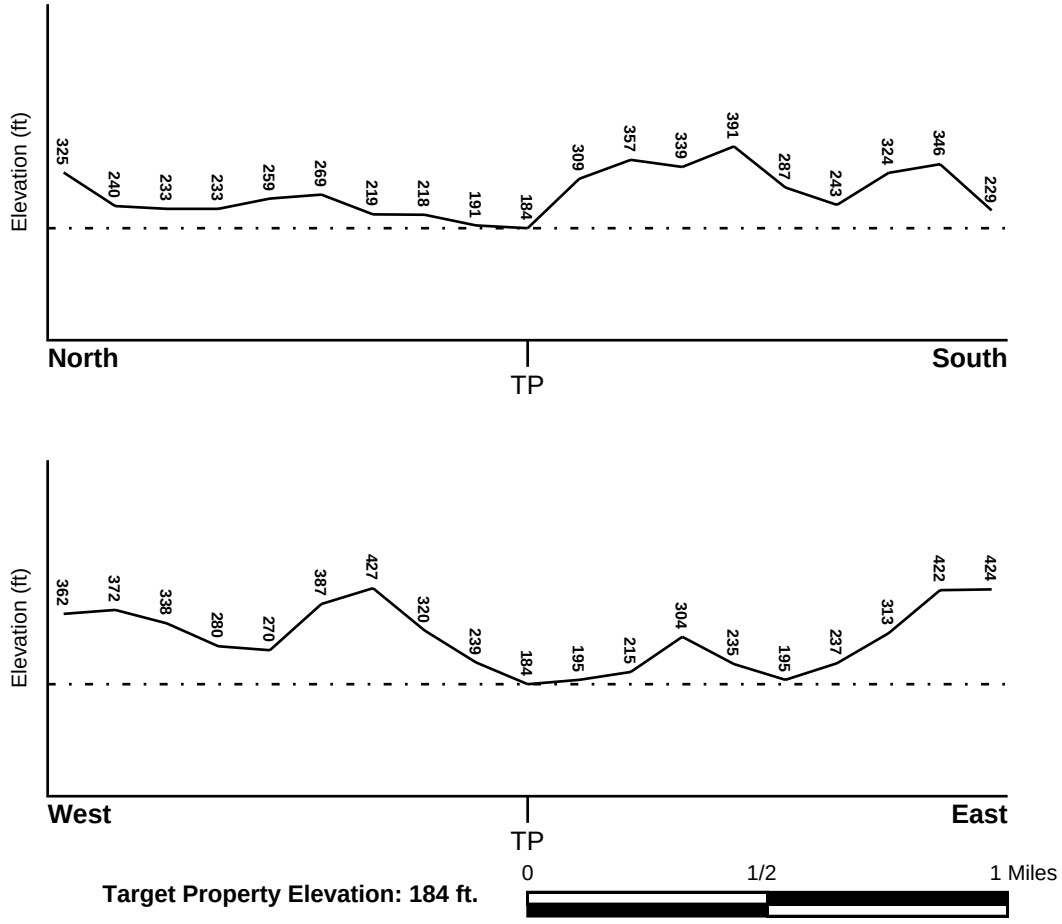
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

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

Flood Plain Panel at Target Property	FEMA Source Type
06053C0091G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06053C0083G	FEMA FIRM Flood data
0601950052E	FEMA Q3 Flood data
0601950056D	FEMA Q3 Flood data
06053C0087G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PRUNEDALE	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		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

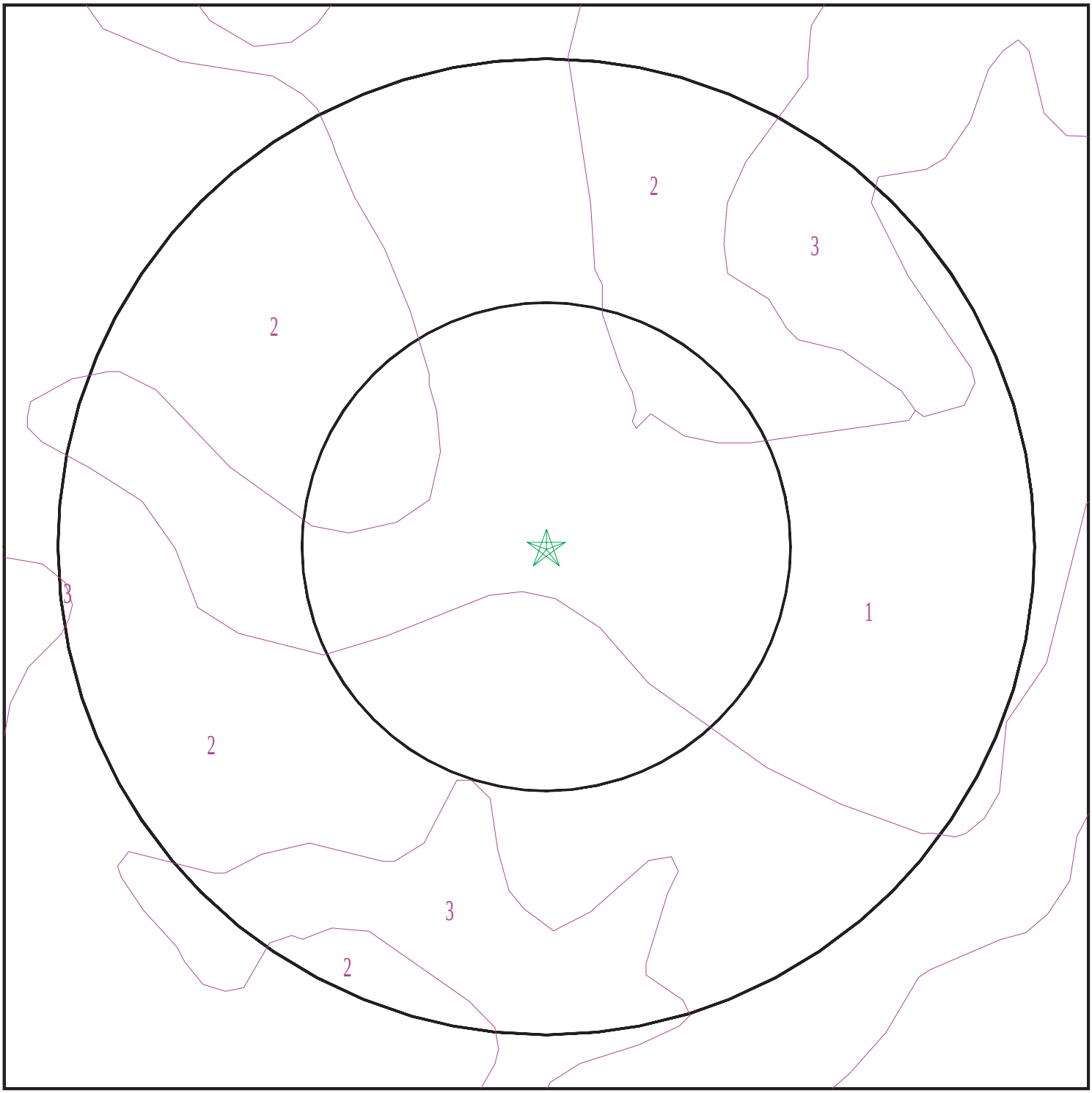
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 7492551.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Prunedale Roundabout	CLIENT:	Haro Environmental, Inc.
ADDRESS:	Castroville Blvd @ San Miguel Canyon Rd. Salinas CA 93907	CONTACT:	Elliot Haro
		INQUIRY #:	7492551.2s
LAT/LONG:	36.808383 / 121.672081	DATE:	November 08, 2023 4:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Arnold

Soil Surface Texture: loamy fine sand

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	48 inches	loamy fine sand	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:
2	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 2

Soil Component Name: Arnold

Soil Surface Texture: loamy fine sand

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	48 inches	loamy fine sand	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:
2	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

Soil Map ID: 3

Soil Component Name: Arnold

Soil Surface Texture: loamy fine sand

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

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	48 inches	loamy fine sand	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:
2	48 inches	51 inches	weathered bedrock	Not reported	Not reported	Max: 4 Min: 1.4	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
A5	USGS40000177928	1/4 - 1/2 Mile ESE
K48	USGS40000178006	1/2 - 1 Mile East
K50	USGS40000177999	1/2 - 1 Mile East
Z108	USGS40000178189	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	11411	0 - 1/8 Mile North
A2	11467	1/8 - 1/4 Mile SE
B3	CADDW0000010283	1/4 - 1/2 Mile South
B4	CADDW0000003008	1/4 - 1/2 Mile South
C6	CADDW0000015928	1/4 - 1/2 Mile NNE
C7	CADDW0000011560	1/4 - 1/2 Mile NNE
C8	11409	1/4 - 1/2 Mile NNE
9	11468	1/4 - 1/2 Mile SW
D10	11455	1/4 - 1/2 Mile ESE
D11	11454	1/4 - 1/2 Mile ESE
E12	CADDW0000022052	1/4 - 1/2 Mile SE
F13	11410	1/4 - 1/2 Mile NNE
14	CADDW0000016938	1/4 - 1/2 Mile WNW
15	CADDW0000010875	1/4 - 1/2 Mile NNW
F16	CADDW0000021514	1/4 - 1/2 Mile NNE
17	11453	1/4 - 1/2 Mile East
E18	CAEDF0000143905	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

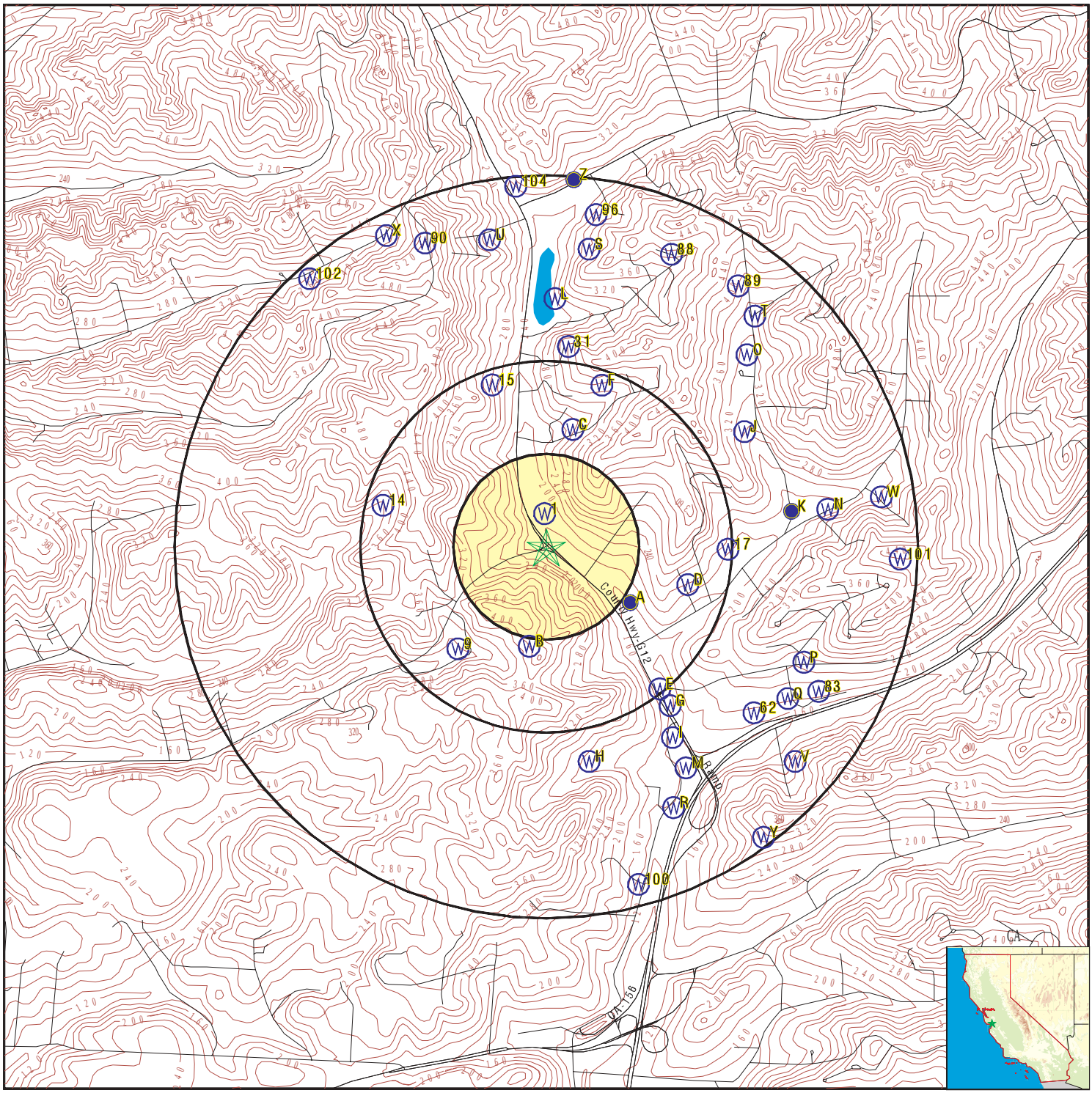
MAP ID	WELL ID	LOCATION FROM TP
E19	CAEDF0000041281	1/2 - 1 Mile SE
G20	CAEDF0000120925	1/2 - 1 Mile SE
G21	CAEDF0000043787	1/2 - 1 Mile SE
G22	CAEDF0000076982	1/2 - 1 Mile SE
G23	CAEDF0000141709	1/2 - 1 Mile SE
G24	CAEDF0000094965	1/2 - 1 Mile SE
G25	CAEDF0000054044	1/2 - 1 Mile SE
G26	CAEDF0000063835	1/2 - 1 Mile SE
G27	CADDW0000012955	1/2 - 1 Mile SE
G28	CAEDF0000113017	1/2 - 1 Mile SE
G29	CAEDF0000076879	1/2 - 1 Mile SE
G30	CAEDF0000012285	1/2 - 1 Mile SE
31	CADWR0000032701	1/2 - 1 Mile North
G32	CAEDF0000141697	1/2 - 1 Mile SE
G33	CAEDF0000118235	1/2 - 1 Mile SE
G34	CAEDF0000049813	1/2 - 1 Mile SE
G35	CAEDF0000077286	1/2 - 1 Mile SE
G36	CAEDF0000059935	1/2 - 1 Mile SE
G37	CAEDF0000134337	1/2 - 1 Mile SE
H38	CADDW0000008198	1/2 - 1 Mile SSE
H39	CADDW0000021505	1/2 - 1 Mile SSE
I40	CAEDF0000074994	1/2 - 1 Mile SE
I41	CAEDF0000074986	1/2 - 1 Mile SE
I42	CAEDF0000056992	1/2 - 1 Mile SE
J43	11452	1/2 - 1 Mile ENE
I44	CAEDF0000023072	1/2 - 1 Mile SSE
J45	11412	1/2 - 1 Mile ENE
I46	CAEDF0000116377	1/2 - 1 Mile SSE
K47	CAUSGSN00001669	1/2 - 1 Mile East
I49	CADDW0000001033	1/2 - 1 Mile SSE
L51	11400	1/2 - 1 Mile North
L52	CADDW0000012576	1/2 - 1 Mile North
L53	CADDW0000009862	1/2 - 1 Mile North
M54	CAEDF0000099778	1/2 - 1 Mile SE
K55	CADDW0000022237	1/2 - 1 Mile East
K56	CADDW0000001023	1/2 - 1 Mile East
K57	CADDW0000013381	1/2 - 1 Mile East
K58	CADDW0000020091	1/2 - 1 Mile East
M59	CAEDF0000039802	1/2 - 1 Mile SSE
M60	CAEDF0000103925	1/2 - 1 Mile SSE
M61	CAEDF0000044101	1/2 - 1 Mile SSE
62	CADWR0000006477	1/2 - 1 Mile SE
M63	CAEDF0000111260	1/2 - 1 Mile SSE
M64	CAEDF0000084266	1/2 - 1 Mile SSE
N65	11451	1/2 - 1 Mile East
O66	CAEDF0000004086	1/2 - 1 Mile NE
N67	CADDW0000015931	1/2 - 1 Mile East
P68	CADDW0000019499	1/2 - 1 Mile ESE
Q69	11458	1/2 - 1 Mile ESE
O70	11407	1/2 - 1 Mile NE
O71	11408	1/2 - 1 Mile NE
P72	11457	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
R73	CADWR0000003123	1/2 - 1 Mile SSE
R74	CADWR0000003826	1/2 - 1 Mile SSE
Q75	11462	1/2 - 1 Mile ESE
N76	CADDW0000006875	1/2 - 1 Mile East
N77	CADDW0000014994	1/2 - 1 Mile East
R78	CADDW0000017841	1/2 - 1 Mile SSE
S79	CADDW0000003366	1/2 - 1 Mile North
S80	CADDW0000006048	1/2 - 1 Mile North
S81	CADDW0000015636	1/2 - 1 Mile North
T82	CADDW0000005983	1/2 - 1 Mile NE
83	11456	1/2 - 1 Mile ESE
U84	11394	1/2 - 1 Mile North
T85	CADDW0000003477	1/2 - 1 Mile NE
U86	CADDW0000015191	1/2 - 1 Mile North
T87	11402	1/2 - 1 Mile NE
88	CADWR0000018998	1/2 - 1 Mile NNE
89	11401	1/2 - 1 Mile NE
90	11391	1/2 - 1 Mile NNW
V91	CADDW0000017492	1/2 - 1 Mile SE
V92	CADDW0000005879	1/2 - 1 Mile SE
V93	CADDW0000006238	1/2 - 1 Mile SE
V94	CADDW0000016381	1/2 - 1 Mile SE
W95	11413	1/2 - 1 Mile East
96	11399	1/2 - 1 Mile North
X97	CADDW0000010019	1/2 - 1 Mile NNW
W98	CADDW0000001881	1/2 - 1 Mile East
W99	CADDW0000015185	1/2 - 1 Mile East
100	CADDW0000005634	1/2 - 1 Mile SSE
101	CADDW0000022892	1/2 - 1 Mile East
102	11396	1/2 - 1 Mile NW
X103	11395	1/2 - 1 Mile NNW
104	11393	1/2 - 1 Mile North
Y105	11460	1/2 - 1 Mile SE
Y106	CADDW0000012235	1/2 - 1 Mile SE
Z107	CAUSGSN00004578	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 7492551.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Prunedale Roundabout	CLIENT:	Haro Environmental, Inc.
ADDRESS:	Castroville Blvd @ San Miguel Canyon Rd. Salinas CA 93907	CONTACT:	Elliot Haro
		INQUIRY #:	7492551.2s
LAT/LONG:	36.808383 / 121.672081	DATE:	November 08, 2023 4:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
0 - 1/8 Mile
Higher

CA WELLS **11411**

Seq:	11411	Prim sta c:	13S/03E-08N01 M
Frds no:	2701501001	County:	27
District:	57	User id:	27C
System no:	2701501	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364835.0	Longitude:	1214016.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.13 MILES WEST ON SAN MIGUEL CYN. ROAD FROM CASTROVILLE BLVD.		
Comment 2:	THEN GO 150 FEET NORTH ON A PRIVATE ROAD		
Comment 3:	WELL IS 150 FEET EAST OF THE ROAD	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701501	System nam:	San Miguel Road #29
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

A2
SE
1/8 - 1/4 Mile
Lower

CA WELLS **11467**

Seq:	11467	Prim sta c:	13S/03E-18H01 M
Frds no:	2700524001	County:	27
District:	57	User id:	27C
System no:	2700524	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364823.0	Longitude:	1214003.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.58 MILES SOUTH WEST ON CASTROVILLE BLVD FROM SAN MIGUEL CYN		
Comment 2:	THEN GO 0.05 MILES NORTH WEST ON A PRIVATE ROAD		
Comment 3:	WELL IS 20 FEET WEST OF THE ROAD	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2700524	System nam:	Castroville Blvd Water System #1
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

B3
South
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000010283**

Well ID:	2702256-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (STANDBY)	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702256-001&store_num=
GeoTracker Data: Not Reported

B4
South
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000003008**

Well ID:	2702229-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702229-001&store_num=
GeoTracker Data: Not Reported

A5
ESE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000177928**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	013S003E17F001M	Type:	Well
Description:	Not Reported	HUC:	18060011
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	65
Well Depth Units:	ft	Well Hole Depth:	65
Well Hole Depth Units:	ft		

C6
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000015928**

Well ID:	2702073-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702073-002&store_num=
GeoTracker Data: Not Reported

C7
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000011560**

Well ID:	2702198-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702198-002&store_num=

GeoTracker Data: Not Reported

C8
NNE **CA WELLS** **11409**
1/4 - 1/2 Mile
Higher

Seq:	11409	Prim sta c:	13S/03E-08M01 M
Frds no:	2702073001	County:	27
District:	57	User id:	27C
System no:	2702073	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364848.0	Longitude:	1214011.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 1.1 MILES NORTH WEST ON SAN MIGUEL CYN. FROM HIGHWAY 101		
Comment 2:	WELL IS .05 MILES NORTH EAST OF THE ROAD		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2702073	System nam:	San Miguel #22
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

9
SW **CA WELLS** **11468**
1/4 - 1/2 Mile
Higher

Seq:	11468	Prim sta c:	13S/03E-18H02 M
Frds no:	2700526001	County:	27
District:	57	User id:	27C
System no:	2700526	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364816.0	Longitude:	1214031.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.58 MILES SOUTH-WEST ON CASTROVILLE BLVD FROM SAN MIGUEL CYN.		
Comment 2:	THEN GO 0.2 MILES SOUTH-EAST ON MANZANITA CIRCLE		
Comment 3:	WELL IS 10 FEET WEST OF ROAD	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2700526	System nam:	Castroville Blvd Water System #3
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D10
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **11455**

Seq:	11455	Prim sta c:	13S/03E-17C03 M
Frds no:	2700696001	County:	27
District:	57	User id:	27C
System no:	2700696	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364826.0	Longitude:	1213952.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.18 MILE NORTH EAST ON LANGLEY CYN FROM SAN MIGUEL CYN.		
Comment 2:	THEN GO 0.1 MILE NORTH WEST ON PINE TREE WAY		
Comment 3:	WELL IS 16 FEET NORTH EAST OF THE ROAD		
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700696	System nam:	Pine Tree Way Water System #2
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

D11
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **11454**

Seq:	11454	Prim sta c:	13S/03E-17C02 M
Frds no:	2700695001	County:	27
District:	57	User id:	27C
System no:	2700695	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364824.5	Longitude:	1213950.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.18 MILES NORTH-EAST FROM SAN MIGUEL TO LANGLEY CANYON RD.		
Comment 2:	THEN GO 0.07 MILES NORTH-WEST TO PINE TREE WAY		
Comment 3:	WELL IS 24 FEET NORTH EAST OF THE ROAD		
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700695	System nam:	Pine Tree Water System #1
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

E12
SE
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000022052**

Well ID:	2702382-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702382-001&store_num=
GeoTracker Data: Not Reported

F13
NNE **CA WELLS** **11410**
1/4 - 1/2 Mile
Higher

Seq:	11410	Prim sta c:	13S/03E-08M02 M
Frds no:	2701474001	County:	27
District:	57	User id:	27C
System no:	2701474	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364853.0	Longitude:	1214008.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL .45 MILES NORTH ON SAN MIGUEL CYN FROM CASTROVILLE BLVD		
Comment 2:	THEN GO 300 FEET EAST ON MATTHEW LANE		
Comment 3:	WELL IS 150 FEET SOUTH OF THE ROAD	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701474	System nam:	San Miguel Cyn 26
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

14
WNW **CA WELLS** **CADDW0000016938**
1/4 - 1/2 Mile
Higher

Well ID:	2701134-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701134-001&store_num=		
GeoTracker Data:	Not Reported		

15
NNW **CA WELLS** **CADDW0000010875**
1/4 - 1/2 Mile
Higher

Well ID:	2702073-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (TO BE DESTROYED)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702073-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F16
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000021514**

Well ID:	2701474-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701474-001&store_num=		
GeoTracker Data:	Not Reported		

17
East
1/4 - 1/2 Mile
Higher

CA WELLS **11453**

Seq:	11453	Prim sta c:	13S/03E-17C01 M
Frds no:	2700621001	County:	27
District:	57	User id:	27C
System no:	2700621	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364830.0	Longitude:	1213944.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.32 NORTH EAST ON LANGLEY CANYON RD. FROM SAN MIGUEL CYN.		
Comment 2:	WELL IS 0.1 MILE NORTH WEST OF THE ROAD		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2700621	System nam:	Langley Canyon Water System #5
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

E18
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143905**

Well ID:	T0605300331-M-17	Well Type:	MONITORING
Source:	EDF	Other Name:	M-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-17		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E19
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000041281**

Well ID:	T0605300331-M-5	Well Type:	MONITORING
Source:	EDF	Other Name:	M-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-5		

G20
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120925**

Well ID:	T0605300331-M-26	Well Type:	MONITORING
Source:	EDF	Other Name:	M-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-26		

G21
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043787**

Well ID:	T0605300331-M-15	Well Type:	MONITORING
Source:	EDF	Other Name:	M-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-15		

G22
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076982**

Well ID:	T0605300331-M-27	Well Type:	MONITORING
Source:	EDF	Other Name:	M-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-27		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G23
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141709**

Well ID:	T0605300331-M-22	Well Type:	MONITORING
Source:	EDF	Other Name:	M-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-22		

G24
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094965**

Well ID:	T0605300331-M-11	Well Type:	MONITORING
Source:	EDF	Other Name:	M-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-11		

G25
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054044**

Well ID:	T0605300331-M-20	Well Type:	MONITORING
Source:	EDF	Other Name:	M-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-20		

G26
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063835**

Well ID:	T0605300331-M-16	Well Type:	MONITORING
Source:	EDF	Other Name:	M-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-16		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
G27 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000012955**

Well ID:	2701231-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701231-001&store_num=		
GeoTracker Data:	Not Reported		

G28
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113017**

Well ID:	T0605300331-M-12	Well Type:	MONITORING
Source:	EDF	Other Name:	M-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-12		

G29
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000076879**

Well ID:	T0605300331-M-14	Well Type:	MONITORING
Source:	EDF	Other Name:	M-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-14		

G30
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000012285**

Well ID:	T0605300331-M-10	Well Type:	MONITORING
Source:	EDF	Other Name:	M-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

31
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000032701**

Well ID:	13S03E08D001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	13S03E08D001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=13S03E08D001M&store_num=		
GeoTracker Data:	Not Reported		

G32
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000141697**

Well ID:	T0605300331-M-13	Well Type:	MONITORING
Source:	EDF	Other Name:	M-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-13		

G33
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000118235**

Well ID:	T0605300331-M-21	Well Type:	MONITORING
Source:	EDF	Other Name:	M-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-21		

G34
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049813**

Well ID:	T0605300331-M-30	Well Type:	MONITORING
Source:	EDF	Other Name:	M-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-30		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G35
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077286**

Well ID:	T0605300331-M-7	Well Type:	MONITORING
Source:	EDF	Other Name:	M-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-7		

G36
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059935**

Well ID:	T0605300331-M-8	Well Type:	MONITORING
Source:	EDF	Other Name:	M-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-8		

G37
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134337**

Well ID:	T0605300331-M-18	Well Type:	MONITORING
Source:	EDF	Other Name:	M-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-18		

H38
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000008198**

Well ID:	2700526-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700526-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H39
SSE **CA WELLS** **CADDW0000021505**
1/2 - 1 Mile
Higher

Well ID:	2701501-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701501-001&store_num=		
GeoTracker Data:	Not Reported		

I40
SE **CA WELLS** **CAEDF0000074994**
1/2 - 1 Mile
Lower

Well ID:	T0605300331-M-25	Well Type:	MONITORING
Source:	EDF	Other Name:	M-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-25		

I41
SE **CA WELLS** **CAEDF0000074986**
1/2 - 1 Mile
Lower

Well ID:	T0605300331-M-24	Well Type:	MONITORING
Source:	EDF	Other Name:	M-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-24		

I42
SE **CA WELLS** **CAEDF0000056992**
1/2 - 1 Mile
Lower

Well ID:	T0605300331-M-23	Well Type:	MONITORING
Source:	EDF	Other Name:	M-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-23		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J43
ENE
1/2 - 1 Mile
Higher

CA WELLS **11452**

Seq:	11452	Prim sta c:	13S/03E-17B03 M
Frds no:	2700619001	County:	27
District:	57	User id:	27C
System no:	2700619	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364846.5	Longitude:	1213941.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL .35 MILES NORTH EAST ON LANGLEY CANYON ROAD		
Comment 2:	FROM SAN MIGUEL CYN. ROAD	Comment 3:	WELL IS 80 FEET SOUTH EAST OF THE ROAD
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700619	System nam:	Langley Canyon #3
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

I44
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023072**

Well ID:	T0605300331-M-28	Well Type:	MONITORING
Source:	EDF	Other Name:	M-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-28		

J45
ENE
1/2 - 1 Mile
Higher

CA WELLS **11412**

Seq:	11412	Prim sta c:	13S/03E-08Q02 M
Frds no:	2702007001	County:	27
District:	57	User id:	27C
System no:	2702007	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364847.5	Longitude:	1213941.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL .30 MILES WEST ON VALLE PACIFICO FROM LANGLEY CANYON RD.		
Comment 2:	WELL IS 100 FEET SOUTH OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2702007	System nam:	Valle Pacifico # 11
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported

Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	05-MAR-18	Finding:	258.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-DEC-17	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	12-JUN-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUN-17	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JUN-17	Finding:	171.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-MAR-17	Finding:	187.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-MAR-17	Finding:	81.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-NOV-16	Finding:	71.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-SEP-16	Finding:	199.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-SEP-16	Finding:	490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JUN-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	97.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-MAR-16	Finding:	140.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	23-NOV-15	Finding:	257.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	23-NOV-15	Finding:	84.
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	28-SEP-15	Finding:	95.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-SEP-15	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-15	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-JUN-15	Finding:	4.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUN-15	Finding:	98.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	24-JUN-15	Finding:	182.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	22-OCT-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-14	Finding:	11.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	0.2
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-MAY-14	Finding:	3.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-14	Finding:	0.16
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	337.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	195.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	21-MAY-14	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	21-MAY-14	Finding:	87.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	21-MAY-14	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-MAY-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	21-MAY-14	Finding:	3.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-MAY-14	Finding:	75.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	82.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	11.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	28.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	115.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	300.
Chemical:	NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAY-14	Finding:	199.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	163.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	556.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON

Dlr:	1.		
Sample date:	21-MAY-14	Finding:	11.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	21-MAY-14	Finding:	900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-13	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

I46
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116377**

Well ID:	T0605300331-M-29	Well Type:	MONITORING
Source:	EDF	Other Name:	M-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300331&assigned_name=M-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300331&assigned_name=M-29		

K47
East
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00001669**

Well ID:	USGS-364835121393401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-364835121393401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-364835121393401&store_num=		
GeoTracker Data:	Not Reported		

K48
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000178006**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	013S003E17B001M	Type:	Well
Description:	Not Reported	HUC:	18060001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I49
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000001033**

Well ID:	2701814-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701814-001&store_num=		
GeoTracker Data:	Not Reported		

K50
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000177999**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	013S003E17B002M	Type:	Well
Description:	Not Reported	HUC:	18060011
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19541012	Well Depth:	78
Well Depth Units:	ft	Well Hole Depth:	78
Well Hole Depth Units:	ft		

L51
North
1/2 - 1 Mile
Higher

CA WELLS **11400**

Seq:	11400	Prim sta c:	13S/03E-08E01 M
Frds no:	2701553001	County:	27
District:	57	User id:	27C
System no:	2701553	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364905.5	Longitude:	1214013.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.50 MILES NORTH WEST ON SAN MIGUEL CANYON ROAD		
Comment 2:	WELL IS 0.30 MILES NORTH EAST OF THE ROAD		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701553	System nam:	San Miguel Canyon Road Water System #36
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L52
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000012576**

Well ID:	2701553-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (IRRIGATION ONLY)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701553-001&store_num=		
GeoTracker Data:	Not Reported		

L53
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000009862**

Well ID:	2701579-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (PROCESS WATER ONLY)		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701579-001&store_num=		
GeoTracker Data:	Not Reported		

M54
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000099778**

Well ID:	T0605300254-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-10		

K55
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000022237**

Well ID:	2700782-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700782-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K56
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000001023**

Well ID:	2700784-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700784-001&store_num=		
GeoTracker Data:	Not Reported		

K57
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000013381**

Well ID:	2700781-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700781-001&store_num=		
GeoTracker Data:	Not Reported		

K58
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000020091**

Well ID:	2700619-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700619-001&store_num=		
GeoTracker Data:	Not Reported		

M59
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039802**

Well ID:	T0605300254-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M60
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103925**

Well ID:	T0605300254-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-6		

M61
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000044101**

Well ID:	T0605300254-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-13		

62
SE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000006477**

Well ID:	13S03E17B001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	13S03E17B001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=13S03E17B001M&store_num=		
GeoTracker Data:	Not Reported		

M63
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000111260**

Well ID:	T0605300254-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M64
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084266**

Well ID:	T0605300254-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605300254&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605300254&assigned_name=MW-12		

N65
East
1/2 - 1 Mile
Higher

CA WELLS **11451**

Seq:	11451	Prim sta c:	13S/03E-17B02 M
Frds no:	2701440001	County:	27
District:	57	User id:	27C
System no:	2701440	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364834.5	Longitude:	1213928.5
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701440	System nam:	Langley Cyn Road Water System No 6
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

O66
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000004086**

Well ID:	CCDW273	Well Type:	DOMESTIC
Source:	Local Groundwater Projects		
Other Name:	CCDW273	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=LOCALGW&samp_date=&global_id=&assigned_name=CCDW273&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N67
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000015931**

Well ID:	2700702-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700702-004&store_num=		
GeoTracker Data:	Not Reported		

P68
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000019499**

Well ID:	2701926-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701926-002&store_num=		
GeoTracker Data:	Not Reported		

Q69
ESE
1/2 - 1 Mile
Higher

CA WELLS **11458**

Seq:	11458	Prim sta c:	13S/03E-17K01 M
Frds no:	2700623001	County:	27
District:	57	User id:	27C
System no:	2700623	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364809.0	Longitude:	1213935.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.08 MILES NORTH-WEST FROM HIGHWAY 101 ON TO LAVENDER LANE		
Comment 2:	WELL IS 350 FEET WEST OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700623	System nam:	Lavender Lane Water System #1
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

O70
NE
1/2 - 1 Mile
Higher

CA WELLS **11407**

Seq:	11407	Prim sta c:	13S/03E-08K02 M
Frds no:	2700781001	County:	27

District:	57	User id:	27C
System no:	2700781	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364858.5	Longitude:	1213941.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.50 MILES NORTH ON VALLE PACIFICO FROM LANGLEY ROAD		
Comment 2:	WELL IS 120 FEET WEST OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700781	System nam:	Valle Pacifico Water System #2
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

O71
NE
1/2 - 1 Mile
Higher

CA WELLS 11408

Seq:	11408	Prim sta c:	13S/03E-08K03 M
Frds no:	2700784001	County:	27
District:	57	User id:	27C
System no:	2700784	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364858.5	Longitude:	1213941.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL .40 MILES NORTH ON VALLE PACIFICO FROM LANGLEY CANYON RD.		
Comment 2:	WELL IS 65 FEET WEST OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2700784	System nam:	Valle Pacifico #5
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

P72
ESE
1/2 - 1 Mile
Higher

CA WELLS 11457

Seq:	11457	Prim sta c:	13S/03E-17G02 M
Frds no:	2701926001	County:	27
District:	57	User id:	27C
System no:	2701926	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364814.0	Longitude:	1213930.5
Precision:	3	Status:	AR
Comment 1:	FOLLOWIMORO RD 0.4 MILE NORTHEAST FROM SAN MIGUEL CYN		
Comment 2:	WELL IS 20 FEET NORTHWEST OF ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2701926	System nam:	Moro Rd Water System #9
Hqname:	Not Reported	Address:	Not Reported

City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	05-APR-16	Finding:	28.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

R73
SSE **CA WELLS** **CADWR0000003123**
1/2 - 1 Mile
Lower

Well ID:	13S03E17F080M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	13S03E17F080M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=13S03E17F080M&store_num=		
GeoTracker Data:	Not Reported		

R74
SSE **CA WELLS** **CADWR0000003826**
1/2 - 1 Mile
Lower

Well ID:	13S03E17F001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	13S03E17F001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=13S03E17F001M&store_num=		
GeoTracker Data:	Not Reported		

Q75
ESE **CA WELLS** **11462**
1/2 - 1 Mile
Lower

Seq:	11462	Prim sta c:	13S/03E-17Q04 M
Frds no:	2700574001	County:	27
District:	57	User id:	27C
System no:	2700574	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364809.0	Longitude:	1213932.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.5 MILES SOUTH EAST ON MESSICK ROAD FROM HIGHWAY 101		
Comment 2:	WELL IS 158 FEET NORTH EAST OF THE ROAD		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	2700574	System nam:	El Camino Real North 15
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N76
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000006875**

Well ID:	2700665-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700665-003&store_num=		
GeoTracker Data:	Not Reported		

N77
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000014994**

Well ID:	2700702-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700702-003&store_num=		
GeoTracker Data:	Not Reported		

R78
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000017841**

Well ID:	2700703-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (DESTROYED)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700703-001&store_num=		
GeoTracker Data:	Not Reported		

S79
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000003366**

Well ID:	2700745-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700745-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S80
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000006048**

Well ID:	2701530-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701530-001&store_num=		
GeoTracker Data:	Not Reported		

S81
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000015636**

Well ID:	2701460-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701460-001&store_num=		
GeoTracker Data:	Not Reported		

T82
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000005983**

Well ID:	2701670-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	VALLE PACIFICO WELL 02 (ACTIVE)		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701670-002&store_num=		
GeoTracker Data:	Not Reported		

83
ESE
1/2 - 1 Mile
Higher

CA WELLS **11456**

Seq:	11456	Prim sta c:	13S/03E-17G01 M
Frds no:	2701482001	County:	27
District:	57	User id:	27C
System no:	2701482	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364810.5	Longitude:	1213928.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.10 MILES ON NORTH WEST ON LAVENDER LANE FROM HIGHWAY 101		
Comment 2:	WELL IS 200 FEET NORTH WEST OF THE ROAD		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701482	System nam:	Lavender Lane Water System #2
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

U84
North
1/2 - 1 Mile
Higher

CA WELLS 11394

Seq:	11394	Prim sta c:	13S/03E-07A03 M
Frds no:	2700686002	County:	27
District:	57	User id:	27C
System no:	2700686	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364913.5	Longitude:	1214026.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.1 MILE WEST ON GARLEN COURT FROM SAN MIGUEL CYN RD		
Comment 2:	WELL IS 50 FEET SOUTH OF RD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	2700686	System nam:	Garlen Court Water System
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Sample date:	22-FEB-18	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-SEP-17	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-SEP-17	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-MAY-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-FEB-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-NOV-16	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	23-AUG-16	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	23-AUG-16	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	23-AUG-16	Finding:	39.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	96.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	6.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	10.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	0.26
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	23-AUG-16	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-AUG-16	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	23-AUG-16	Finding:	45.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	23-AUG-16	Finding:	9.8
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	23-AUG-16	Finding:	38.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-MAY-16	Finding:	9.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-FEB-16	Finding:	9.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-OCT-15	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-15	Finding:	7.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-AUG-15	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-AUG-15	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAY-15	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-FEB-15	Finding:	49.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-NOV-14	Finding:	9.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-AUG-14	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUN-14	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-14	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	26-SEP-13	Finding:	37.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	110.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	89.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	6.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	9900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-13	Finding:	1.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	26-SEP-13	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-SEP-13	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-13	Finding:	48.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	26-SEP-13	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	26-SEP-13	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-SEP-13	Finding:	41.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-13	Finding:	9.7
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-JUN-13	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-12	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-SEP-12	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-AUG-12	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAY-12	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-FEB-12	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

T85
NE **CA WELLS** **CADDW0000003477**
1/2 - 1 Mile
Higher

Well ID:	2701670-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	VALLE PACIFICO WELL 01 (BY SHACK)		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701670-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U86
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000015191**

Well ID:	2700686-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700686-002&store_num=		
GeoTracker Data:	Not Reported		

T87
NE
1/2 - 1 Mile
Higher

CA WELLS **11402**

Seq:	11402	Prim sta c:	13S/03E-08G03 M
Frds no:	2701212001	County:	27
District:	57	User id:	27C
System no:	2701212	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364903.5	Longitude:	1213938.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 100 FEET ON JOSHUA LANE FROM VALLE PACIFICO		
Comment 2:	WELL IS 10 FEET SOUTH OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2701212	System nam:	Valle Pacifico #8
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

88
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000018998**

Well ID:	13S03E05P001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	13S03E05P001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=13S03E05P001M&store_num=		
GeoTracker Data:	Not Reported		

89
NE
1/2 - 1 Mile
Higher

CA WELLS **11401**

Seq:	11401	Prim sta c:	13S/03E-08G02 M
Frds no:	2700782001	County:	27

District:	57	User id:	27C
System no:	2700782	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364907.0	Longitude:	1213942.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.7 MILE NORTH ON VALLE PACIFICO FROM LANGLEY CANYON		
Comment 2:	WELL IS 150 FEET WEST OF THE ROAD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	2700782	System nam:	Valle Pacifico Water System #3
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

90
NNW
1/2 - 1 Mile
Higher

CA WELLS **11391**

Seq:	11391	Prim sta c:	13S/03E-06K01 M
Frds no:	2700745001	County:	27
District:	57	User id:	27C
System no:	2700745	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364913.5	Longitude:	1214037.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 1.5 MILE NORTH WEST ON SAN MIGUEL CANYON RD FROM		
Comment 2:	CASTROVILLE BLVD.	Comment 3:	WELL IS 40 FEET SOUTH WEST OF THE ROAD
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	2700745	System nam:	San Miguel Canyon Water System #8
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

V91
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000017492**

Well ID:	2700696-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700696-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V92
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000005879**

Well ID:	2700621-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700621-001&store_num=		
GeoTracker Data:	Not Reported		

V93
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000006238**

Well ID:	2700695-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700695-001&store_num=		
GeoTracker Data:	Not Reported		

V94
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016381**

Well ID:	2700524-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700524-001&store_num=		
GeoTracker Data:	Not Reported		

W95
East
1/2 - 1 Mile
Higher

CA WELLS **11413**

Seq:	11413	Prim sta c:	13S/03E-08R01 M
Frds no:	2700702001	County:	27
District:	57	User id:	27C
System no:	2700702	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364839.0	Longitude:	1213918.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	2700702	System nam:	Prunedale Mutual Water Co

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Sample date:	08-MAR-16	Finding:	690.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	08-MAR-16	Finding:	8.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-OCT-15	Finding:	270.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	641.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	6.98
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	131.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	131.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	188.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	57.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	100.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-15	Finding:	25.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	07-OCT-15	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	07-OCT-15	Finding:	14.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		

Sample date:	07-OCT-15	Finding:	7900.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-OCT-15	Finding:	500.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	07-OCT-15	Finding:	20.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	07-OCT-15	Finding:	640.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		
Sample date:	07-OCT-15	Finding:	0.12
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	481.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	47.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-OCT-15	Finding:	69.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	08-SEP-15	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-15	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	98.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-14	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-14	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-SEP-14	Finding:	42.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	2.4
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	23-MAR-14	Finding:	9.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-MAR-14	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-DEC-13	Finding:	47.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-DEC-13	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-SEP-13	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUN-13	Finding:	48.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUN-13	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-APR-13	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-MAR-13	Finding:	1.75
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	29-MAR-13	Finding:	1.77
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	26-DEC-12	Finding:	48.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-OCT-12	Finding:	51.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-OCT-12	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-OCT-12	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	07-OCT-12	Finding:	500.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	07-OCT-12	Finding:	5400.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-OCT-12	Finding:	24.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-OCT-12	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	54.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	20.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	42.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	98.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	6.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	690.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-OCT-12	Finding:	50.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	06-OCT-12	Finding:	7.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	11000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	05-JUN-12	Finding:	48.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	31.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-JUN-12	Finding:	52.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-JUN-12	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-JUN-12	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-JUN-12	Finding:	7.8
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	30-MAR-12	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAR-12	Finding:	51.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

96
North
1/2 - 1 Mile
Higher

CA WELLS 11399

Seq:	11399	Prim sta c:	13S/03E-08D04 M
Frds no:	2701556001	County:	27
District:	57	User id:	27C
System no:	2701556	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364917.5	Longitude:	1214007.5
Precision:	3	Status:	AR
Comment 1:	TRAVEL 0.2 MILES NE ON ECHO VALLEY RD FROM SAN MIGUEL CYN RD		
Comment 2:	WELL IS 500 FEET SOUTH OF ROAD IN CORRAL		
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	2701556	System nam:	Echo Valley Road Water System #11
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0

Area serve: Not Reported

X97
NNW **CA WELLS** **CADDW0000010019**
1/2 - 1 Mile
Higher

Well ID:	2700778-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700778-001&store_num=		
GeoTracker Data:	Not Reported		

W98
East **CA WELLS** **CADDW0000001881**
1/2 - 1 Mile
Higher

Well ID:	2700702-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700702-002&store_num=		
GeoTracker Data:	Not Reported		

W99
East **CA WELLS** **CADDW0000015185**
1/2 - 1 Mile
Higher

Well ID:	2700665-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700665-002&store_num=		
GeoTracker Data:	Not Reported		

100
SSE **CA WELLS** **CADDW0000005634**
1/2 - 1 Mile
Lower

Well ID:	2702374-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2702374-001&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

101
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000022892**

Well ID:	2701926-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2701926-003&store_num=		
GeoTracker Data:	Not Reported		

102
NW
1/2 - 1 Mile
Higher

CA WELLS **11396**

Seq:	11396	Prim sta c:	13S/03E-07F02 M
Frds no:	2701134001	County:	27
District:	57	User id:	27C
System no:	2701134	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364908.5	Longitude:	1214057.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL .65 MILES SOUTH WEST ON PARADISE ROAD FROM SAN MIGUEL CYN RD.		
Comment 2:	THEN GO 100 FEET SOUTH EAST ON A PRIVATE ROAD		
Comment 3:	WELL IS 30 FEET WEST OF THE ROAD	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701134	System nam:	Paradise Road #11
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

X103
NNW
1/2 - 1 Mile
Higher

CA WELLS **11395**

Seq:	11395	Prim sta c:	13S/03E-07B01 M
Frds no:	2701460001	County:	27
District:	57	User id:	27C
System no:	2701460	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364916.5	Longitude:	1214043.5
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	2701460	System nam:	Paradise Water System No 12
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported

Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

104
North
1/2 - 1 Mile
Higher

CA WELLS 11393

Seq:	11393	Prim sta c:	13S/03E-07A02 M
Frds no:	2701530001	County:	27
District:	57	User id:	27C
System no:	2701530	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364921.5	Longitude:	1214021.0
Precision:	3	Status:	AR
Comment 1:	TRAVEL 200 FEET NORTH WEST ON SAN MIGUEL CANYON ROAD FROM		
Comment 2:	ECHO VALLEY ROAD.	Comment 3:	WELL IS 5 FEET EAST OF THE ROAD
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	2701530	System nam:	San Miguel Road 31
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Y105
SE
1/2 - 1 Mile
Higher

CA WELLS 11460

Seq:	11460	Prim sta c:	13S/03E-17Q02 M
Frds no:	2700792001	County:	27
District:	57	User id:	27C
System no:	2700792	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364750.1	Longitude:	1213937.5
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	2700792	System nam:	Vierra Canyon W/S #3
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		
Sample date:	22-AUG-17	Finding:	2.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-NOV-16	Finding:	0.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-AUG-15	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-MAY-15	Finding:	1.42
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-15	Finding:	0.962
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	73.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	6.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-MAY-14	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	20-MAY-14	Finding:	64.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		
Sample date:	20-MAY-14	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	0.37
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	20-MAY-14	Finding:	280.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAY-14	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	68.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	8.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	94.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	20-MAY-14	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	24.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	09-AUG-12	Finding:	490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Y106
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000012235**

Well ID:	2700792-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=2700792-001&store_num=		
GeoTracker Data:	Not Reported		

Z107
North
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00004578**

Well ID:	USGS-364922121401101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-364922121401101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-364922121401101&store_num=		
GeoTracker Data:	Not Reported		

Z108
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000178189**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	013S003E08D001M	Type:	Well
Description:	Not Reported	HUC:	18060011
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540827	Well Depth:	130
Well Depth Units:	ft	Well Hole Depth:	130
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93907	114	1

Federal EPA Radon Zone for MONTEREY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93907

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

APPENDIX B

RESEARCH DOCUMENTATION

PRUNEDALE ROUNDABOUT - RIGHT OF WAY EXHIBIT

APN 127-361-015
Raquel Luna

APN 127-361-014
Diaz Eusebia & Manuella

APN 127-361-013
Pantoja Jose &
Gutierrez Juana

APN 127-361-007
Rocha Alma D Garcia

APN 129-083-031
Gin York F Family
Partnership

APN 129-083-032
Roman Catholic
Bishop of Monterey

APN 129-051-033
Monterey County

APN 127-361-026
Bizarro Victor C &
Nunez Karla Y

CASTROVILLE BOULEVARD

SAN MIGUEL CANYON ROAD

RIGHT OF WAY NEEDS		
APN	NAME	TCE AREA (SQFT)
129-083-031	GIN YORK F FAMILY PARTNERSHIP	9331
129-051-033	MONTEREY COUNTY	3152
127-361-007	ROCHA ALMA D GARICA	2176

September 29, 2023
SCALE: 1" = 50'

consor

TIME PLOTTED 2:55:50 PM
DATE PLOTTED 9/29/2023 2:55:50 PM
USERNAME Hernan.Gutierrez

FILE S:\Client\Monterey\D221141CA San Miguel Canyon Road and Castroville Boulevard\500-Design\505 - CADD Files\Exhibits_CAD\Prunedale - ROW Exhibit.dwg

APPENDIX C

PHOTOLOG

Photo #1 Overview of the Project Area and intersection of San Miguel Canyon Road and Castroville Boulevard, facing east.

Photo #2 Overview of the Project Area and adjacent properties, facing north on San Miguel Canyon Road.

Photo #3 Overview of the Project Area and adjacent properties, facing south on San Miguel Canyon Road.

Photo #4 Overview of the Project Area and adjacent properties, facing west on Castroville Boulevard.

Photo #5 View of one of the pole-mounted transformers, located on the northwestern portion of the Project Area.

Photo #6 View of the stormwater drain located on the northwestern portion of the Project Area, facing north.

APPENDIX D

QUALIFICATIONS

ELLIOT R. HARO
Principal Scientist

Mr. Haro is the founding principal of Haro Environmental, Inc. With over 17 years of experience in the environmental consulting field, Mr. Haro has directed, managed and performed environmental site assessments, as well as site investigation and remediation activities. As Principal Scientist, Mr. Haro's responsibilities include project management, proposal and cost estimate preparation, design of soil and groundwater investigation and remediation programs, staff and subcontractor coordination, technical report preparation, and permit acquisition. Mr. Haro has managed and performed numerous Phase I and Phase II Environmental Site Assessments (ESAs) as well as site investigation and remediation field activities including air, soil, groundwater, and surface water sampling, groundwater monitoring well installations, and remediation system operations and maintenance. He has prepared various environmental reports including site assessment reports, feasibility studies, remedial/corrective action plans, remedial work plans and health-based risk evaluations. Mr. Haro is familiar with the regulatory process and has consulted with both local and regional agencies on Client's behalf for work plan approvals and modifications. Mr. Haro's technical expertise includes evaluation, design and implementation of innovative in-situ groundwater treatment technologies including enhanced bioremediation and in-situ chemical oxidation.

EXPERTISE

- Program Management
- Phase I and II Environmental Site Assessments
- Soil and Groundwater Investigations
- Soil and Groundwater Remediation
- Remediation Technology Evaluation
- Site Characterization
- Remediation System Operations and Maintenance
- Health Risk Evaluations
- Feasibility Studies
- Data Analysis and Management
- Construction Oversight
- Permitting – Environmental and Construction

WORK HISTORY

• Haro Environmental, Inc.	2013 to Present
• Equipoise Corporation	2007 to 2013
• Rincon Consultants, Inc.,	2004 to 2007
• TN & Associates	2003 to 2004
• Environmental Biotechnology Inst.	2002 to 2004
• Creek Environmental Laboratory	1999 to 2002

EDUCATION AND CERTIFICATIONS

- Registered Environmental Assessor I (REA I), California, No. 30228 (Former; DTSC discontinued the REA program effective July1, 2012)
- M.S., Agriculture – Soil Science Specialization, California Polytechnic State University, San Luis Obispo, CA
- B.S., Soil Science, California Polytechnic State University, San Luis Obispo, CA
- OSHA and EPA 40-hour safety training and 8-hour hazardous materials refresher courses

PROJECT DESCRIPTIONS

Groundwater Remediation and Agency Closure, SRI PADMA LLC, Santa Barbara, CA

- Groundwater Monitoring and Sampling Management
- In-Situ Bioremediation
- Permitting
- Regulatory Agency Negotiations
- Remediation Reporting
  - Target compounds: PCE & TCE
  - In-Situ Chemical Reduction Work Plan
  - Health and Safety
- Remediation System Design
- Groundwater Monitoring Well Destructions

Mr. Haro is the program manager for the remediation of the chlorinated solvents TCE and PCE in groundwater at a former manufacturing facility in Santa Barbara, CA. The site is located in a historic industrial area, which has recently been transformed into an urban wine trail area known as the “Funk Zone”. Haro Environmental worked with the remediation contractor, Regenesis, to perform a soil assessment to gather detailed information regarding the lithology beneath the site, and to develop an appropriate injection program based on the findings. For this site, a combined remedy was selected and included the injection of Plumestop, Hydrogen Release Compound, and BDI Plus, a bioaugmentation formulation. After two months, wells within the treatment zone exhibited reductions of TCE and PCE to non-detectable concentrations. The case is currently being considered for closure under oversight by the CCRWQCB.

Retail Service Station Portfolio, Various Locations, CA

- Groundwater Monitoring and Sampling Management
- In-Situ Bioremediation
- Permitting
- Regulatory Agency Negotiations
- Quarterly Reporting
- Target compounds: Hydrocarbons and MTBE
- Interim Remedial Action Plans
- Remedial and Corrective Action Plans
- Health and Safety
- Remediation System Design
- Multiphase and Dual Phase Extraction Systems

Managed project activities for monitoring and cleanup of multiple gas station facilities throughout Northern, Central and Southern California. Evaluated in-situ and ex-situ treatment options for source zone reduction and off-site containment of contaminants.

Performed and managed operations and maintenance activities on remediation systems and prepared quarterly remediation reports. Prepared quarterly groundwater monitoring reports for agency submittal and approval. Prepared corrective actions plans and remedial action plans for implementation of mobile high vacuum dual phase extraction, multi-phase extraction, and dual-phase extraction systems. Designed and permitted innovative groundwater remediation approaches including enhanced aerobic bioremediation using ORC®. Negotiated with overseeing agencies for acceptance of proposed remedial actions.

Phase I Environmental Site Assessment, Remediation Engineering Evaluation, & Indoor Air Quality Assessment, Former Aircraft Manufacturing Facility, Playa Vista, CA

- Phase I ESA
- Remediation System Performance Evaluation
- Historic Chlorinated VOC and Hydrocarbon Use
- 550,000 Square Feet of Building Space

Performed a Phase I ESA for an approximately 38-acre site developed with 8 historic structures totaling approximately 550,000 square feet. Historic aircraft manufacturing resulted in chlorinated VOCs and petroleum hydrocarbon impacts to soil and groundwater. Identified recognized environmental conditions (RECs) at 11 source areas. Consulted client on extent of environmental liabilities and potential environmental costs. Evaluated the performance of the on-site dual-phase extraction system targeting identified source areas. Developed potential life-cycle costs for the existing remediation system, and costs for remediation of metals contaminated soil. Performed an indoor air survey to assess potential impacts from the historic aircraft manufacturing operations on indoor air quality. Indoor air study results were compared to published regulatory thresholds and calculated site-specific health risks.

Soil, Soil Vapor, and Groundwater Investigation – Buckley Road Area TCE Investigation, San Luis Obispo, CA

- Phase II ESA
- Multiple Potential Responsible Parties
- TCE In Groundwater
- Other COCs: PFAS

A regional TCE plume located south of the San Luis Obispo County Regional Airport is being investigated to identify a possible source. Haro Environmental, Inc. was contracted with one of the potentially responsible parties to investigate the property as a possible source of the TCE in groundwater. A work plan was developed and approved by the lead regulatory agency, Central Coast Regional Water Quality Control Board, for the advancement of two soil borings and the collection and analysis of soil, soil vapor, and groundwater samples. The results were used to clear the client as a responsible party.

Soil and Groundwater Investigation of Per- and Polyfluoroalkyl Substances (PFAS), Meadows Field Airport, Bakersfield, CA

- Soil Sampling Work Plan
- Well Investigation
- Soil Borings and Sampling
- Data Report and Data Analysis
- Target compounds: PFAS
- Health and Safety Plan Preparation
- Lead Agency: Central Valley Regional Water Quality Control Board

PFAS compounds are an emergent set of chemicals that have come to the forefront of environmental concern due to their toxicity and stability in the environment. To evaluate the distribution of PFAS in the environment, the State Water Resources Control Board through their nine regional boards required multiple airports within California perform site investigation for PFAS compounds based on the high concentration of PFAS used in firefighting foams [also known as aqueous film forming foams (AFFF)]. The Meadows Field Airport was one of the airports listed in the requirements order. Haro Environmental prepared a work plan to investigate PFAS in soil which included a sampling and analysis program to sample soil at multiple potential release points as wells at multiple depths. A soil sampling report was prepared for the CVRWQCB and will be followed up with a groundwater investigation work plan based on the soil sampling results.

Soil and Groundwater Remediation of Chlorinated Solvents using Chemical Oxidation, Former Aerospace Manufacturing Facility, Newbury Park, CA

- Groundwater Monitoring and Sampling Management
- In-Situ Chemical Oxidation using Potassium Permanganate
- Injection and Monitoring Well Installations
- Quarterly WDR Reporting
- Target compounds: Chlorinated VOCs
- Health and Safety Plan Preparation
- Lead Agency Negotiations

Managed in-situ chemical oxidation injections for remediation of soil and groundwater impacted with the chlorinated solvents TCE and PCE. Negotiated with the lead agency (LARWQCB) for revised Waste Discharge Requirements (WDR) and amendments to the original work plan. Developed and implemented a site-specific health and safety plan to protect the health and safety of workers and the environment from accidental exposure to the chemical oxidant. Oversaw the installation of 35 injection wells and 14 dual-nested monitoring wells, and the injection of approximately 12,000 pounds of potassium permanganate. Conducted performance evaluation sampling per WDR requirements, and prepared and submitted quarterly WDR monitoring reports to the regulatory agency.

Soil and Groundwater Remediation of Chlorinated Solvents, Soil Source Zone Removal and In-Situ Bioremediation, Former Industrial Facility, Los Angeles, CA.

- Groundwater Monitoring and Sampling Management
- Large Diameter Auger Excavation
- Enhanced Anaerobic Bioremediation
- Soil Vapor Survey
- Injection and Monitoring Well Installations
- Quarterly WDR Reporting
- Target compounds: Chlorinated VOCs
- Health and Safety Plan Preparation
- Lead Agency Negotiations

Managed soil and groundwater investigation and remediation activities for a site with soil and perched groundwater water zone with chlorinated hydrocarbons present. A Remedial Action Plan (RAP) was developed and approved by the LARWQCB to remediate soil and groundwater at the site. Because site constraints precluded the use of conventional excavation approaches without extensive shoring requirements, soil remediation activities included the design and implementation of source area soil removal using large diameter augers. Groundwater remediation activities included acquisition of a Waste Discharge Requirement (WDR) permit from the LARWQCB for injection of HRC® into the perched zone, injection design, and implementation of an Enhanced Anaerobic Biodegradation approach to stimulate by injecting HRC®.

RCRA Facility Closure, Former Hazardous Waste Handling Facility, Wilmington, CA

- Lead Agency: DTSC
- RCRA Hazardous Waste Permit Closure
- Port of Los Angeles Permitting
- Health and Safety Plan Preparation
- DTSC Approval of Work Plan Updates and Modifications

Managed work plan modification/updating and permitting for a closure of a RCRA hazardous waste permit under DTSC oversight. This former hazardous waste handling facility was the subject of an enforcement action by the lead regulatory agency and resulted in the conviction of the former operator. The chemicals associated with the facility included VOCs and petroleum hydrocarbons. Negotiated with DTSC for work plan modification resulting in a reduction of $70,000 in the sampling costs.

Feasibility Study, Former Aerospace Testing Facility, CA

- Chlorinated VOCs
- Emergent Compounds 1,4-dioxane and NDMA
- In-Situ and Ex-Situ Treatment Options
- Conforming to Lead Agency Requirements

Provided technical assistance for preparation of a feasibility study for remediation of a 2,800-acre former test site facility being closed after 50 years of storied operations. The feasibility study in part addressed the emergent chemicals 1,4-dioxane and N-nitrosodimethylamine (NDMA). These chemicals are somewhat recalcitrant in the environment and are the subject of research at many DOD-sponsored projects. Evaluated innovative remedial alternatives including enhanced aerobic bioremediation

and in-situ chemical oxidation. Prepared a bench-scale work plan and reported the findings evaluating sodium persulfate and propane to reduce NDMA concentrations in groundwater.

Former Oil Field Sumps Assessment and Remediation, Santa Maria Valley, CA

- Sump Assessment and Remediation
- Remediation construction
- Target compounds: Metals, volatile and semi-volatile organics, hydrocarbons,
- Soil Excavation
- Health and Safety Plan Preparation

Project manager for sump assessment and remediation activities for multiple land leases within the Santa Maria Valley. Former oil field features were identified by reviewing historic maps and aerial photographs. The lateral and vertical limits of identified features were assessed in the field using direct push technology. Non-hazardous sump material was excavated and transported to a local landfill for reuse. Confirmation samples were collected and based on the results, closure reports were prepared and submitted to the lead oversight agency (County Santa Barbara Fire Prevention Division).

Operations and Maintenance, Ex-situ Bioremediation, San Luis Obispo, CA

- Groundwater monitoring well installation
- Groundwater sampling
- Remediation construction
- Vapor extraction system O&M
- Soil Excavation
- Field safety coordinator

Feasibility Study and Remedial Action Plan, Thousand Oaks, CA

- Project Coordinator
- Oversee field activities
- Permitting
- Conducted dual phase extraction events
- Managed and performed O & M

Site Investigations, Multiple Clients

- Oversee well installation
- Oversee boring installation
- Remediation construction
- Perform Monitoring and Optimization.
- Soil and Soil Vapor Sampling
- Risk Analysis
- Managed Subcontractors
- Construction

Publications

Roth, A. E., Lingle, E. L., Haro, E. R., Stark, J. M., Unkefer, P. J. and Kitts, C. L. 2005. *Sample Preservation Method and Storage Time Can Affect 16S rRNA Terminal Restriction Fragment Patterns Made From Soil DNA.* Soil Biology and Biochemistry.

APPENDIX D

Response to Comments on Public Review Draft

Prunedale Roundabout Project

County of Monterey

Submittal Name: Initial Study/Mitigated Negative Declaration (IS/MND) **Submittal Date:** 2/11/2025
Author Name/Firm: County/Consor/SWCA **Comments Due:** 3/17/2025
Reviewer Agency: Public Review/Comment

TECHNICAL COMMENT REVIEW AND RESPONSE FORM – EXTERNAL REVIEWS

Review by (Name): Public Review date: End review 3/17/2025	Response by (Name/Firm): County/Consor/SWCA Date: 4/21/2025	**CODE:** **A**-Will Comply; **B**-Will Not Incorporate; **C**- N/A, No Action Required; **D**-Defer

Comment No.	Agency/ Functional Unit	Comment By	Drawing, Section or Page No.	Review Comment	Response To Comment	Response Code	Response By
1	MST	MST	Page 52	Following construction, a clear and accessible path of travel to and from the bus stop will be provided in compliance with the Americans with Disabilities Act (ADA), ensuring safe and equitable access for all passengers.	The proposed scope of work includes the construction of Americans with Disabilities Act (ADA)-compliant curb ramps at the termini of each proposed ADA-compliant crosswalk, located at all approaches of the roundabout as depicted in Figure 4, "Site Plan Map." The project scope does not include of ADA-compliant pedestrian connections to existing Monterey-Salinas Transit (MST) bus stops.	B	Monterey County
2	MST	MST	Page 52	The transit stop will be reinstalled with ADA-compliant improvements, adhering to best practices for bus stop placement at roundabouts as outlines in MST's Designing for Transit Guidelines (2020).	The project is limited to that shown in Figure 4 "Site Map Plan". The project does not include reconstruction of bus stops in the vicinity of the project.	B	Monterey County
3	MST	MST	Figure 4	Bus Stop ID 2921 – San Miguel Canyon Rd / #2147 is not shown on Figure 4 (Site Plan Map, Page 13). However, given its proximity to the project site, MST has concerns about potential success and safety issues. To mitigate these concerns, we recommend incorporating proper ADA upgrades to this transit stop within the project scope. The stop is currently located within Project Area 1, as shown in figure E.2 of the G12 Corridor Plan Exhibits on TAMC's website.	No improvements to this bus stop, or access to the bus stop, are proposed as part of the project.	B	Monterey County

Comment No.	Agency/ Functional Unit	Comment By	Drawing, Section or Page No.	Review Comment	Response To Comment	Response Code	Response By
4	MST	MST	Page 63	Roundabouts in areas served by MST must be designed to meet bus turning radius requirements outlined in Table T3: Bus Turning Movement Dimensions and Bus Turning Templates MST's Designing for Transit Guidelines (2020). Travel lanes on San Miguel Canyon Road should be no less than 11-feet in width for transit to operate without encroaching on other lanes.	The current design meets or exceeds these requirements.	A	Monterey County
5	MST	MST	Na	For temporary conditions such as detours, lane delineation, and similar changes, please contact MST before implementation. MST Road Supervisors must assess the modifications to ensure buses can safely maneuver through the area and service nearby stops.	The County or the County's consultant will stay in contact with MST throughout the project design and construction phases. The current design proposes a temporary signalized detour during construction of the roundabout. This detour will meet or exceed all current MST design requirements. The County or the County's consultant will provide a minimum of 48 hours of notice before implementation of temporary conditions such as detours, lane delineations, and similar changes.	A	Monterey County
6	MST	MST	Na	If at anytime the engineering team needs to remove the existing bus stop poles and amenities (e.g. bench) along San Miguel Canyon Road for this Project Area and future G12 Corridor Plan Project Areas, please contact MST staff to ensure the proper conditions are placed during the removal and reinstallation of bus stops.	Both MST transit stops (#2986 and #2147) are outside the project limits. Consequently, we do not anticipate needing to remove or reinstall bus stops. However, the County or the County's consultant will stay in contact with MST throughout the project design and construction phases and will provide a minimum of 48 hours of notice before implementation of temporary conditions such as detours, lane delineations, and similar changes.	A	Monterey County

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Tuesday, March 11, 2025 10:28 PM
To: Banuelos, Joseph; 300-PWFPSupportStaff
Subject: RE: Prunedale Roundabout Project Public Review Period

Hello Commander Banuelos,

Thank you for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years as well.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Banuelos, Joseph <BanuelosJM@countyofmonterey.gov>
Sent: Monday, March 10, 2025 10:03 PM
To: 300-PWFPSupportStaff <PWFPSupportStaff@countyofmonterey.gov>; Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Prunedale Roundabout Project Public Review Period

Hello,

I would like to request a copy of the project reports regarding the Prunedale Roundabout Project for review and comments.

Thank you,

Commander Joseph M. Bañuelos
Enforcement Operations Bureau
Monterey County Sheriff's Office
Central Patrol Division - Salinas
Office: (831) 755-3807
Cell: (831) 324-5707

<< OLE Object: Picture (Device Independent Bitmap) >>

Ramos-Peredia, Maribel

From: 300-PWFPSupportStaff
Sent: Friday, March 7, 2025 5:45 AM
To: Rauber, Erich; Ramos-Peredia, Maribel
Subject: FW: San Miguel Canyon/Castroville Boulevard roundabout

Follow Up Flag: Follow up
Flag Status: Completed

>>>Fwd. Email from constituent

Sincerely,

Upcoming Holiday ~ PWFP offices will be closed:
Monday, March 31st – Cesar Chavez Day

-----Original Message-----
From: Scott Tims <setims@sbcglobal.net>
Sent: Thursday, March 6, 2025 7:25 PM
To: 300-PWFPSupportStaff
<PWFPSupportStaff@countyofmonterey.gov>
Subject: San Miguel Canyon/Castroville Boulevard roundabout

[You don't often get email from setims@sbcglobal.net. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

[CAUTION: This email originated from outside of the County. Do not click links or open attachments unless you recognize the sender and know the content is safe.]

I am in full support of creating a roundabout at the San Miguel Canyon / CastrovilleBoulevard intersection. That intersection has been overwhelmed by backing up traffic, for far too long. A roundabout is the right solution.

Make it happen as soon as possible.

I travel that road five days a week, sometimes seven days a week, it is long overdue

Scott Tims
Sent from my iPad

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Thursday, March 6, 2025 12:25 PM
To: imehdz0906@gmail.com
Subject: FW: Round about at Castroville Blvd & San Miguel
Attachments: FW: Round about at Castroville Blvd & San Miguel

Thank you for reaching out and providing positive comments on the Prunedale Roundabout Project. Here is some additional information:

The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. A study was also done to analyze a traffic signal, however the volume capacity (linear footage to store vehicles at an intersection) would not be sufficient for the volume of vehicles and cause issues.

Thank you again and I hope you both have a great day. I'll send you a copy of the ISMND environmental document.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

Ramos-Peredia, Maribel

From: 300-PWFPSupportStaff
Sent: Thursday, March 6, 2025 9:39 AM
To: Rauber, Erich; Ramos-Peredia, Maribel
Subject: FW: Round about at Castroville Blvd & San Miguel

Follow Up Flag: Follow up
Flag Status: Flagged

>>Fwd. See below.

Sincerely,

Upcoming Holiday ~ PWFP offices will be closed:
Monday, March 31st – Cesar Chavez Day

-----Original Message-----
From: Imelda Hernandez <imehdz0906@gmail.com>
Sent: Wednesday, March 5, 2025 10:50 PM
To: 300-PWFPSupportStaff
<PWFPSupportStaff@countyofmonterey.gov>
Subject: Round about at Castroville Blvd & San Miguel

[You don't often get email from imehdz0906@gmail.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

[CAUTION: This email originated from outside of the County. Do not click links or open attachments unless you recognize the sender and know the content is safe.]

To whom it may concern,
As a resident of Prunedale, I believe the roundabout on Castroville Boulevard and San Miguel Canyon Road is a great idea due to the fact that there is always congestion in the afternoons and on weekends. A roundabout will be a good solution to resolve this and avoid accidents.

We hope this project is approved.

Regards,

Antonio and Imelda

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Thursday, March 6, 2025 4:11 PM
To: Brandon Bianchi
Subject: RE: Prunedale Round About

Hello Brandon,

I hear your thoughts and want to understand your perspective further. I am here to help you get the information you need and make sure your 30' RV can pass safely and promptly through the Prunedale Roundabout on your way to your next adventure or task you may have. This roundabout can clear a semi-truck and will make it safer for them to turn, which is great news for your RV. Did you attend our community meeting back in August? We had a video simulation of how the roundabout would function with real traffic data from this intersection. The study we had our consultants conduct requires for a representative to monitor the intersection during traffic peak times. The sole purpose of this project is to improve the safety of our community, that is what the grant is for. As a bonus, it will help with traffic flow specially over time when our driving population increases. I'll email you the ISMND for your review, if you have any comments, please let me know so we can modify this document.

I do want to reiterate that we did a study to check if a traffic signal would be better then the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years.

What other concerns do you think this project has?

Maribel Ramos-Peredia
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1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Brandon Bianchi <brandon@brandonbianchi.com>
Sent: Thursday, March 6, 2025 12:37 PM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>; 100-District 2 (831) 755-5022 <District2@countyofmonterey.gov>
Subject: Re: Prunedale Round About

You need to come sit here for a few hours on a weekend, you are disconnected from the problem you're trying to solve. A round about will do nothing positive. As evidenced by all the others everyone thinks solves problems, you don't build them correctly. a 1 lane tiny round about is garbage. you already tried to destroy 68 with them. This needs to be a traffic light. Otherwise I'm personally holding the county liable for any and all damage and or loss of life to me, my family, or my camper because of your narrow sightedness with this round about.

—
Thanks,
Brandon

On Mar 6, 2025, at 12:20, Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov> wrote:

Hello Brandon,

Thank you for reaching out and providing comments on the traffic in this part of the community. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. A study was also done to analyze a traffic signal, however the volume capacity (linear footage to store vehicles at an intersection) would not be sufficient for the volume of vehicles and cause issues.

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ramos-perediam@countyofmonterey.gov
(831) 755-4589

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Thursday, March 6, 2025 11:22 AM
To: denise brazil de castro
Subject: RE: Round about at San Miguel Canyon & Castroville Blvd

Hello Miss Brazil de Castro,

Thank you for reaching out and providing comments on the traffic in this part of the community. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project.

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ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: denise brazil de castro <nesser79@sbcglobal.net>
Sent: Thursday, March 6, 2025 3:57 AM
To: Ramos-Peredia, Maribel <Ramos-

PerediaM@countyofmonterey.gov>
Subject: Round about at San Miguel Canyon & Castroville Blvd

No! Round abouts only cause more potential for collisions! Vehicles are traveling at a rather high speed on San Miguel Canyon Rd. A stop light would create better control and allow vehicles traveling onto or from Castroville Blvd. to proceed without risk. With a round about , vehicles on San Miguel would still dominate and not make much of a difference for cross traffic to merge onto or off of the main blvd. I've seen so many near misses at other round abouts; I don't see how it controls traffic or creates better flow. I say NO!
Sincerely,
Denise Brazil

Sent from my iPhone

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Tuesday, March 11, 2025 10:13 PM
To: K Post
Subject: RE: Roundabout Castroville & San Miguel Canyon

K Post,

Thank you for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years as well.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: K Post <kpost2012@gmail.com>
Sent: Monday, March 10, 2025 9:50 AM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Roundabout Castroville & San Miguel Canyon

I would prefer to see a Traffic Signal there, not a Roundabout.

I use the Roundabout on Reservation Rd in Marina and find that not everyone understands how they work. They either don't know or don't care what Yield means. When it's busy at that Prunedale intersection it's dangerous enough as it is. I don't believe a Roundabout is the solution.
I believe we need a traffic signal, ASAP.

Thanks for your help.
K Post

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Friday, March 14, 2025 2:36 PM
To: Leelyn Paul
Subject: RE: Roundabout at Castroville Blvd and San Miguel

Hi Paul,

Thank you for your support and for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years as well.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

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Assistant Engineer
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1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Leelyn Paul <leelynpaul@gmail.com>
Sent: Tuesday, March 11, 2025 9:33 PM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Roundabout at Castroville Blvd and San Miguel

I am in favor of the roundabout. I live on Castroville Blvd and it is next to impossible to turn left onto San Miguel during busy traffic (most all afternoons). Likewise, turning left to get onto Castroville Blvd is difficult. Usually a good Samaritan will let you thru , but they shouldn't have to. Also a lot don't like them doing so because traffic from Castroville blvd gets a chance to turn right when this happens and they feel it backs up their traffic all the more.

I understand part of the problem is the traffic light at Morro but that doesn't help the situation at Castroville Blvd. I'm not sure a roundabout will work with so much traffic, but it seems to have helped out at other busy intersections.

Ramos-Peredia, Maribel

From: Mayra Ortiz <akamkog@hotmail.com>
Sent: Thursday, March 6, 2025 8:56 PM
To: Ramos-Peredia, Maribel
Subject: Re: Feedback Prunedale Round Project

Thank you for the information.

Have a good rest of the week,
~Mayra

Get Outlook for Android

From: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Sent: Thursday, March 6, 2025 11:40:19 AM
To: akamkog@hotmail.com <akamkog@hotmail.com>
Subject: RE: Feedback Prunedale Round Project

Hello Miss Ortiz,

Thank you for reaching out and providing comments on the traffic in this part of the community. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor including Langley Rd. Vehicles will travel slower through Langley Rd.

because they need to slow down for the roundabout in contrast to having vehicles accelerating to 55+MPH going north. There will be a period of adjustment in the beginning, however it will improve. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project.

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Assistant Engineer
Department of Public Works, Facilities and Parks
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ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Mayra Ortiz <akamkog@hotmail.com>
Sent: Thursday, March 6, 2025 7:18 AM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Feedback Prunedale Round Project

Good morning Maribel,

I don't believe a roundabout on San Miguel and Castroville is beneficial to us the residents that live on Langley Canyon Rd.

As it is most accidents happen off Langley and San Miguel. Instead, traffic lights should be installed at both San Miguel and Langley and San Miguel and Castroville.

From my experience with other roundabouts, the use is more for who can confidently enter and not whose turn it really is. With the way some drivers on San Miguel road drive, this can lead to more accidents or gridlocks. Note the divider in front of Valero on San Miguel, those with large trucks just run over it and use it as a passing lane. There have been fatalities there.

Thank you,
~Mayra Ortiz
Resident on Langley Canyon Rd

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Thursday, March 6, 2025 11:06 AM
To: michael sheehan
Subject: RE: Prunedale roundabout proposed project

Hello Mike,

Thank you for reaching out and providing comments on the traffic in this part of the community. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project.

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Assistant Engineer
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ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: michael sheehan <msheehan1250@att.net>
Sent: Wednesday, March 5, 2025 3:10 PM
To: Ramos-Peredia, Maribel <Ramos-

PerediaM@countyofmonterey.gov>
Subject: Prunedale roundabout proposed project

Hi,

As a follow up to my prior message, I would suggest a second roundabout at the intersection of San Miguel and Moro Rd. However, this may be handled more efficiently by traffic light sequencing as there is much less traffic entering/leaving Moro Rd. from San Miguel.

Again, thank you for your time and efforts,

Sincerely,
Mike Sheehan

Hi,

As a resident of Prunedale, I appreciate The County's consideration of traffic mitigation in the San Miguel corridor. This is something that needs to be addressed. However, the location of the proposed roundabout at the intersection of Castroville Blvd. and San Miguel is the wrong location. The backup at that intersection is the result of the traffic light located at San Miguel and Prunedale North Rd. Placing a roundabout in the proposed location will do nothing to relieve congestion in that area. If a roundabout is to be

installed, it should be where the current traffic light is causing the congestion, i.e., San Miguel and Prunedale North. Placing a roundabout where we currently have a traffic light would greatly improve the flow of traffic into the shopping center, along Prunedale North businesses and reduce or eliminate the congestion at Castroville Blvd and San Miguel.

Thank you for your time and helping to relieve vehicular congestion through Prunedale.

Sincerely,
Mike Sheehan

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Friday, March 14, 2025 2:32 PM
To: Paul Carlino
Subject: RE: Castroville BLVD roundabout

Hi Paul,

Thank you for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years as well.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Paul Carlino <paulc@ppmechanical.com>
Sent: Tuesday, March 11, 2025 6:32 AM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Castroville BLVD roundabout

Hi. I live in Royal Oaks.
These round abouts serve no other purpose than to spend tax payer dollars. They definitely DO NOT IMPROVE TRAFFIC CONGESTION.
I implore you, please to not do this. Did it help in Hollister? Or San Juan Bautista? NO. ,
Who would be the potential prequalified contractors? What political contributions have they made?

Paul Carlino | *Project Manager*
Pan-Pacific Mechanical
48363 Fremont Blvd., Fremont, CA 94538
O: (650) 561-8810 I C: (408) 482-7092
paulc@ppmechanical.com I Pan-Pacific Website

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Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Tuesday, March 11, 2025 10:11 PM
To: wendit wendit.com
Subject: RE: Comments about the proposed roundabout at Castroville Blvd and SMC

Hello Miss Wendit,

Thank you for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers, including big trucks, and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

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Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: wendit wendit.com <wendit@wendit.com>
Sent: Sunday, March 9, 2025 9:13 PM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Comments about the proposed roundabout at Castroville Blvd and SMC

Thank you for the opportunity to comment.

I go through that intersection at least a half-dozen times a week.

Right now traffic backs up because of the stop lights towards Highway 101 (Moro Rd, Prunedale N & by the 101 S exit to SMC).

Yes, it's challenging for people to turn left onto SMC but I don't think a roundabout that is filled with traffic backed up from the stoplights is going to help anyone in any way at that intersection.

Of course, I also don't like roundabouts in general. Big trucks can't, physically, negotiate them. Older (?) people like me didn't have roundabouts in drivers ed and (like my mother who chooses her routes to avoid them as much as possible), I prefer roads that don't have them. I hear, in Europe, they are quite successful - I wonder if that is because people are used

to driving them or if it's related to them driving on the "other" side of the road. Whatever the case, that particular intersection (with the backups from the traffic lights) doesn't seem like a good candidate, to me.

If building them is solely to give the road construction crew(s) more work, how about redoing Dolan Rd? I drive that road at least twice/day and it is surely not getting any better. I wish I didn't think that we need it fixed before the big trucks with the replacement batteries for the storage facility arrive. Maybe we just need it fixed before the trucks driving the cleanup materials away need the road. But, that's an entirely different topic.

Thanks for the encouragement to comment.

Wendi Tipton

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Tuesday, March 11, 2025 10:16 PM
To: Vince Billeci
Subject: RE: Project to install a roundabout @Prunedale and San Miguel Canyon Roads

Hi Vince,

Thank you for taking time out of your day to include your input for this project. The ATP grant that was approved for this project is strictly for safety purposes. There have been over 100 accidents on the San Miguel Canyon Rd. and Castroville Blvd. intersection in the last 10 years. The roundabout will strategically slow down drivers and create a safer intersection for commuters, community members, friends and family utilizing this corridor. There will be a period of adjustment in the beginning. A study has been done to see how this roundabout will affect traffic between current conditions and in 2040. If we continue current condition the overall PM delay will increase from 388 seconds to 587 seconds in 2040. If we use a roundabout it, we will have an overall PM delay 28 seconds in 2040. However, this strictly is a safety project. We did a study to check if a traffic signal would be better than the roundabout, but there is not enough space for the volume of traffic to wait for the light and overtime that will get worse. The maintenance for a traffic signal will be expensive and add up over the years as well.

Nevertheless, we are currently taking comments for the **ISMND environmental document** that I shared with you. If you have any comments or see any errors please respond by March 17, 2025.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Vince Billeci <inyovinny@yahoo.com>
Sent: Friday, March 7, 2025 6:11 PM
To: Ramos-Peredia, Maribel <Ramos-PerediaM@countyofmonterey.gov>
Subject: Project to install a roundabout @Prunedale and San Miguel Canyon Roads

I live on Garlen Lane, and I travel these roads daily.

I submit the following comments for your consideration, regarding this project:

I am opposed to this project to install a roundabout at this location:

When there is a high volume of traffic on San Miguel, the 'curtesy merge or pass' seems to be working fine.

Has there been an abnormally high number of accidents at this location?

I'm concerned that when there are high volumes of traffic there will likely be a larger number of accidents and back-ups.

Traffic heading South on San Miguel would have the right-of-way during high volume traffic times traffic on Prunedale Road would backup, impatient drivers would try to enter the roundabout.

As an alternative solution I suggest the following:

Install 'metering lights' prior to this project and program them to adapt to the volume of traffic.

After testing their effectiveness, then determine if that will suffice.

Then, if the roundabout is still warranted, they could be programmed to be warning lights for the roundabout.

Ramos-Peredia, Maribel

From: Ramos-Peredia, Maribel
Sent: Thursday, March 6, 2025 11:47 AM
To: 'pjjjimenez85@gmail.com'
Cc: Alinio, Chad S.; trafficengineering; Doug Bilse
Subject: RE: SAN MIGUEL CANYON ROAD - MISCELLEANOUS (INQUIREY) - Service Request No: P25-0001699

Hello Pepe,

Following up to the last email I sent you. I currently have the ISMND for review I will share it with you, it has diagrams included. Regarding the San Miguel Canyon Rd and Echo Valley Rd. I can forward that to the appropriate project manager.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov
(831) 755-4589

From: Ramos-Peredia, Maribel
Sent: Wednesday, January 15, 2025 8:59 AM
To: pjjjimenez85@gmail.com
Cc: Alinio, Chad S. <AlinioCS@countyofmonterey.gov>; trafficengineering <trafficengineering@countyofmonterey.gov>
Subject: RE: SAN MIGUEL CANYON ROAD - MISCELLEANOUS (INQUIREY) - Service Request No: P25-0001699

Hello Peter,

The County of Monterey has received your inquiry regarding projects affecting the G12 corridor (San Miguel Canyon Rd.). I would l like to know if there are any questions you have in mind.

Prunedale Roundabout Project

This Project is currently in Design Phase and has an estimated construction start date towards the end 2026.

San Miguel Canyon Rd. and Echo Valley Rd.

The re-striping of this road has an estimated completion date by the end of 2025. The limits are approximately 200 feet south of Strawberry Canyon Rd. to approximately 200 feet North of Pond Derosa Lane.

Maribel Ramos-Peredia
Assistant Engineer
Department of Public Works, Facilities and Parks
1441 Schilling Place, 2nd Floor, Salinas, CA 93901
ramos-perediam@countyofmonterey.gov

Service Request No: P25-0001699
Date: 12/19/24
Time: 2:44 PM
Source: Service Request
Requestor: Doug BLise
Phone: 8317754413
Work Requested: 18 - MISCELLANEOUS
Work Description: MISCELLANEOUS - (INQUIREY)
I received a call today from Pepe Jimenez who is copied on this e-mail. Can you please respond to Pepe with the following update information:

1. A status report on the intersection improvement project (roundabout) at San Miguel and Castroville Blvd.
2. A status report of the middle lane project on San Miguel.

Thank you,

Doug Bilse, TE
Principal Transportation Engineer
Transportation Agency for Monterey County (TAMC)
55-B Plaza Circle, Salinas, CA. 93901
Phone: (831) 775-4413
email: doug@tamcmonterey.org
website: www.tamcmonterey.org

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2nd Service Request on 01/07/25
Pepe Jimenez - pjjjimenez85@gmail.com
R/P is requesting status update.

Service Type: 330 - CONSTRUCTION
Road: 0105 - SAN MIGUEL CYN RD
Location: SAN MIGUEL CANYON RD

Notes: RFS emailed to Crew 330 on 12/19/24-idl
2nd RFS emailed to Crew 330 on 01/07/25-idl

Regards,

Irene Lopez
Office Assistant II
County of Monterey
Departments of Public Works, Facilities & Parks
855 E. Laurel Drive, Building B, Salinas, CA 93905
Office: (831) 755-5174 / Fax: (831) 755.0332
Lopezi2@countyofmonterey.gov

Please be apprised that as of April 19th, 2024, my email address will be changing to Lopezi2@countyofmonterey.gov , and our County web address will be www.countyofmonterey.gov. Please update your records accordingly to ensure seamless communication.
NOTE: Emails sent to my co.monterey.ca.us address will forward to my new email address for a limited time. Thank you for your attention to this matter.

This change is part of the County's commitment to meeting the rigorous security standards of the Department of Homeland Security.